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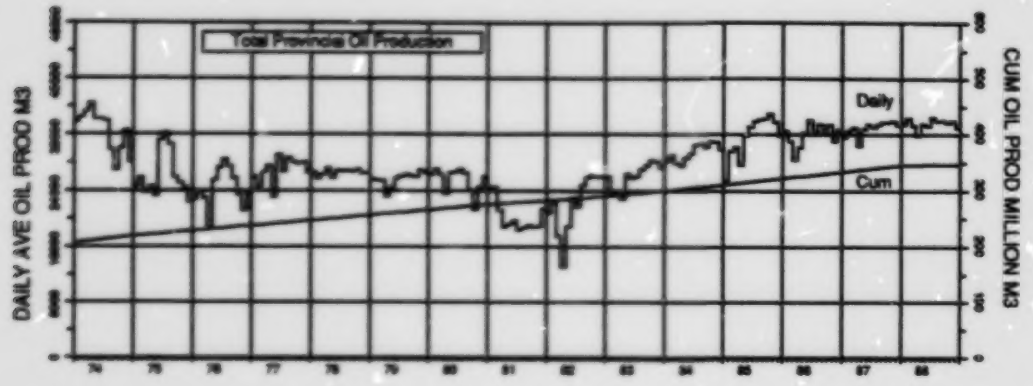
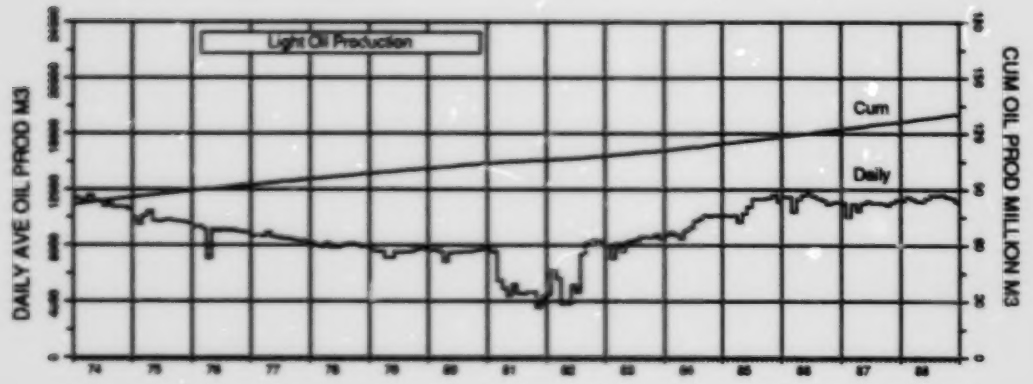
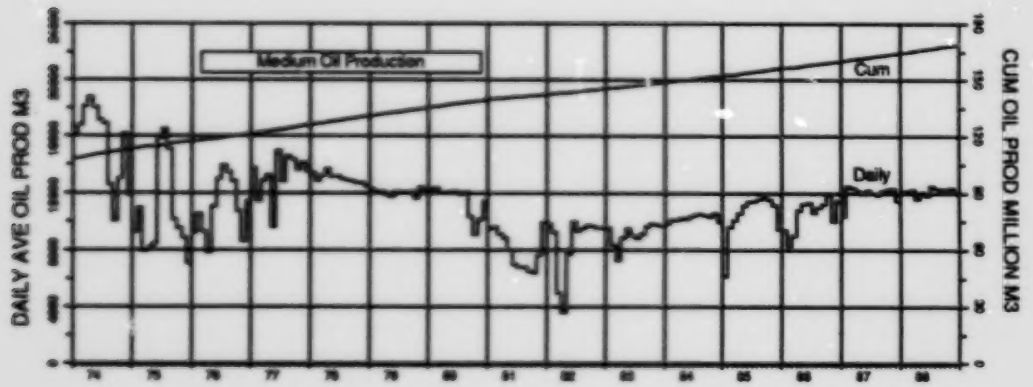
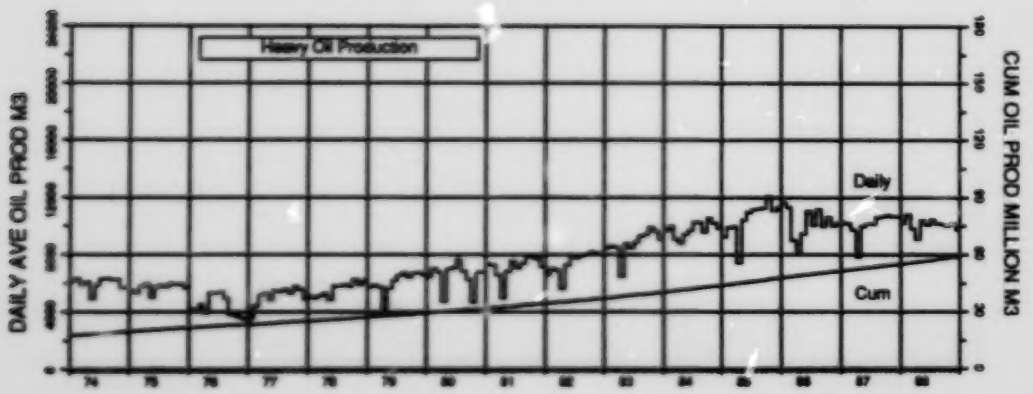




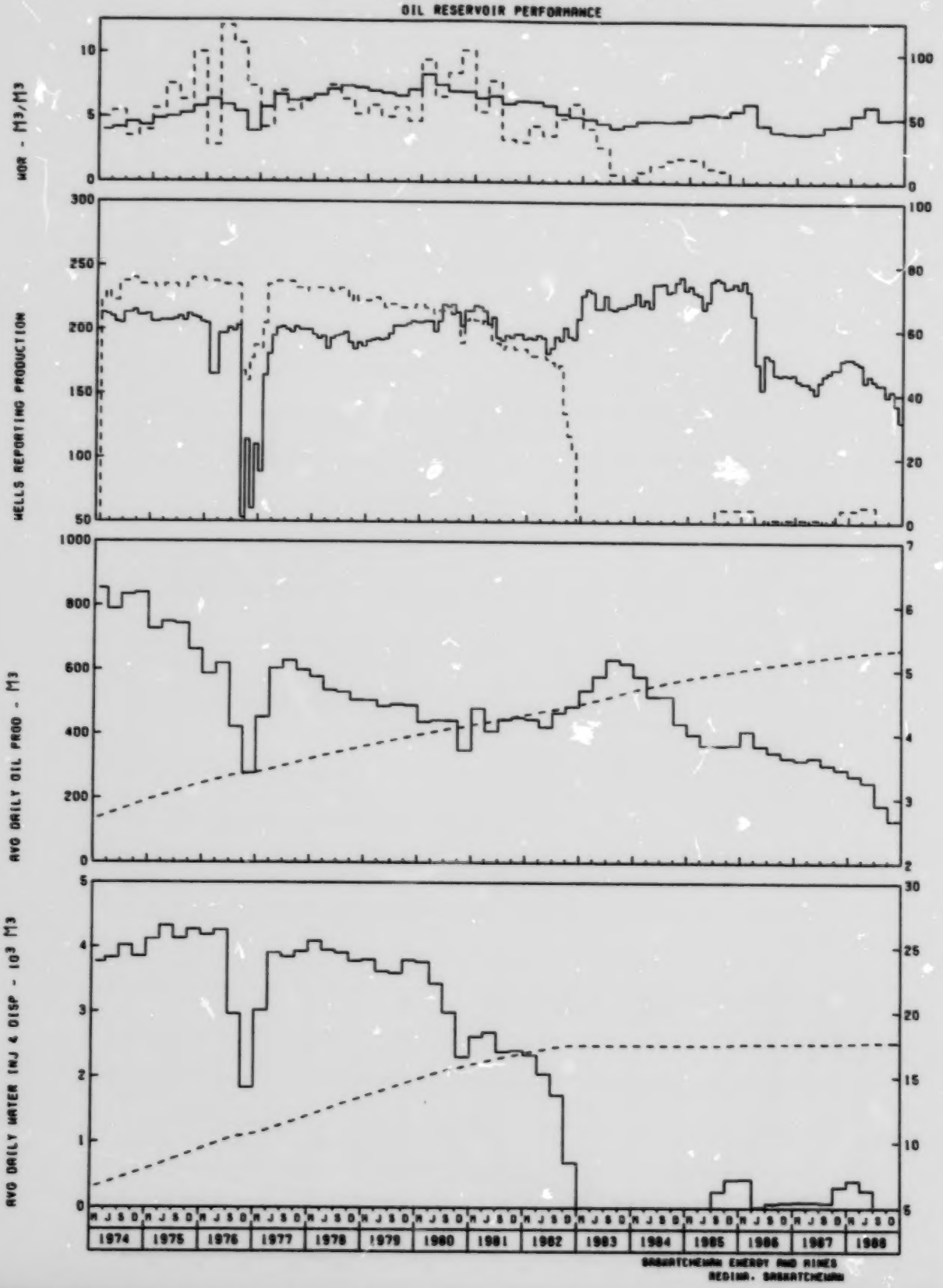




ABERFELDY SPARKY SAND POOL

ABERFELDY UNIT

OIL RESERVOIR PERFORMANCE



LEGEND:
LEFT HAND SCALES ——
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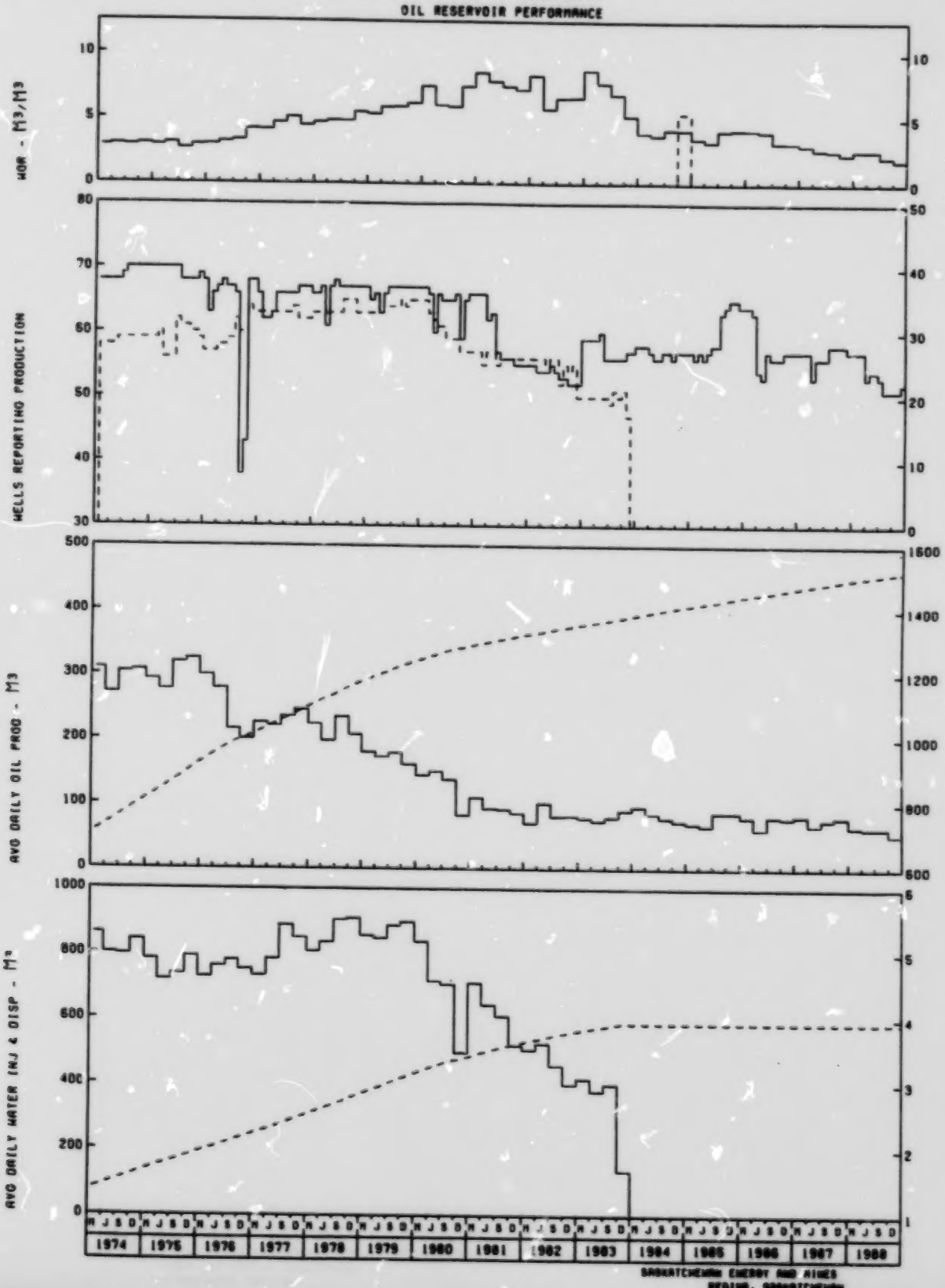
ABERFELDY SPARKY SAND POOL

SD ABERFELDY SPKY VOL UNIT

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
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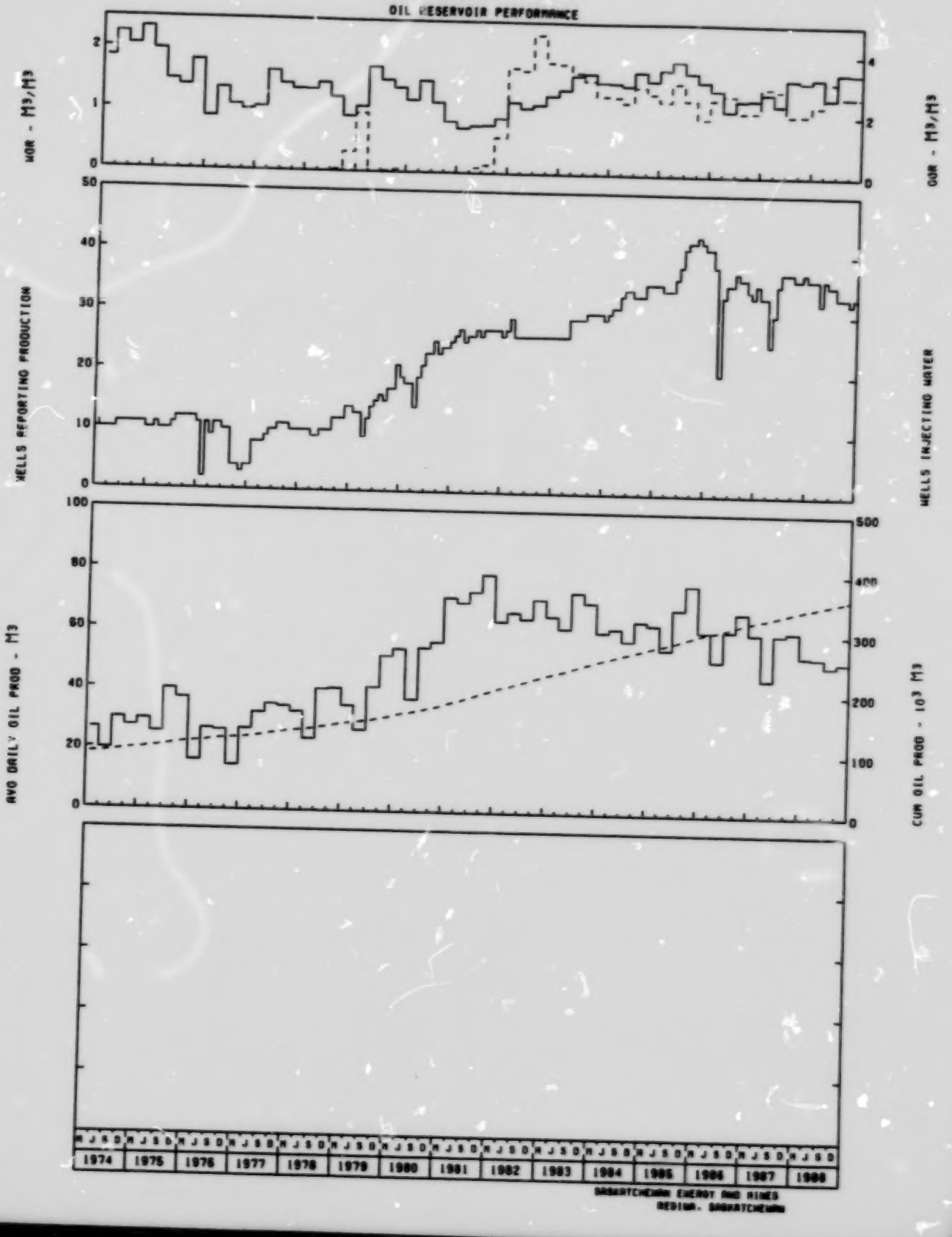
ABERFELDY SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
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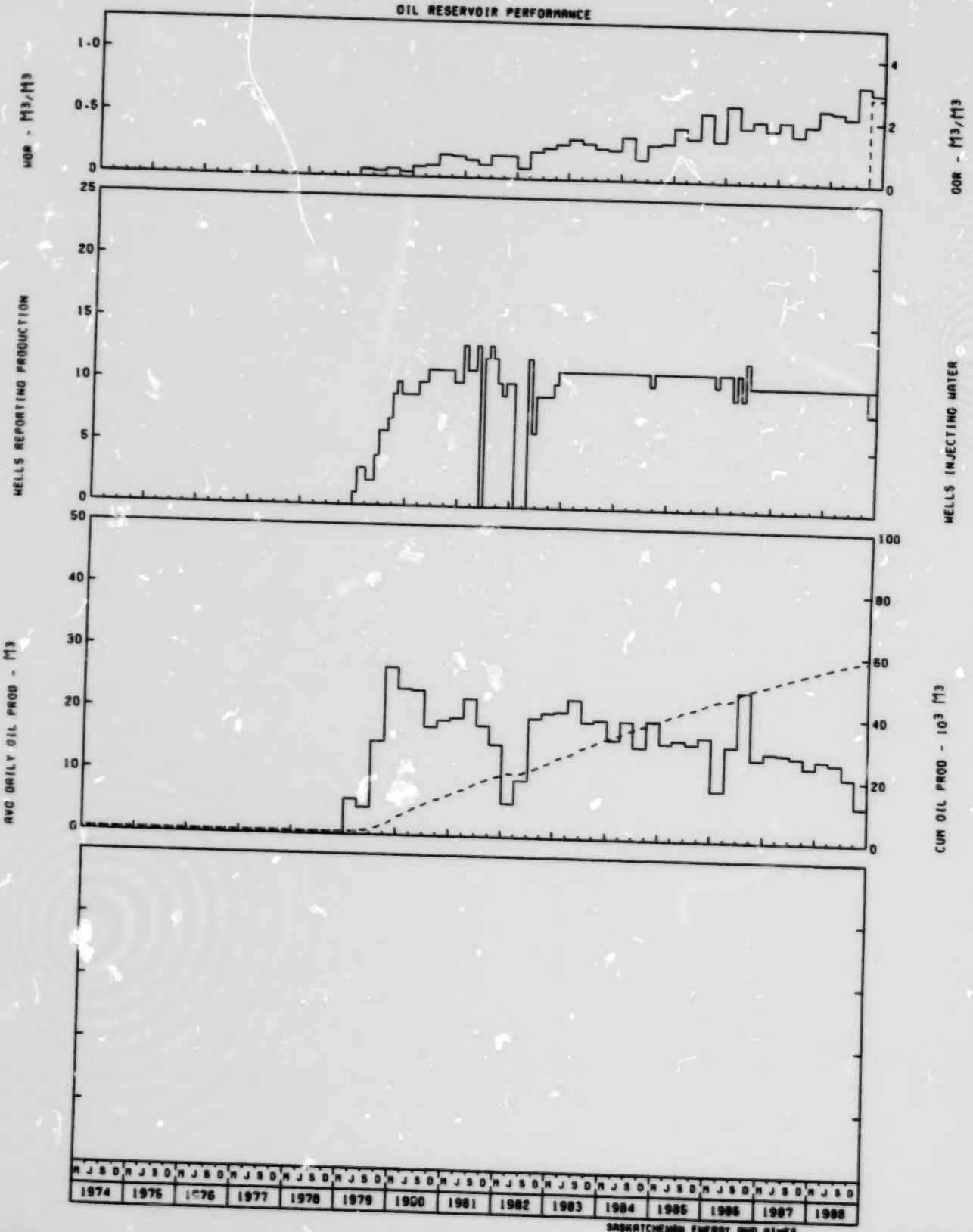
BALDWINTON SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
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LEGEND:
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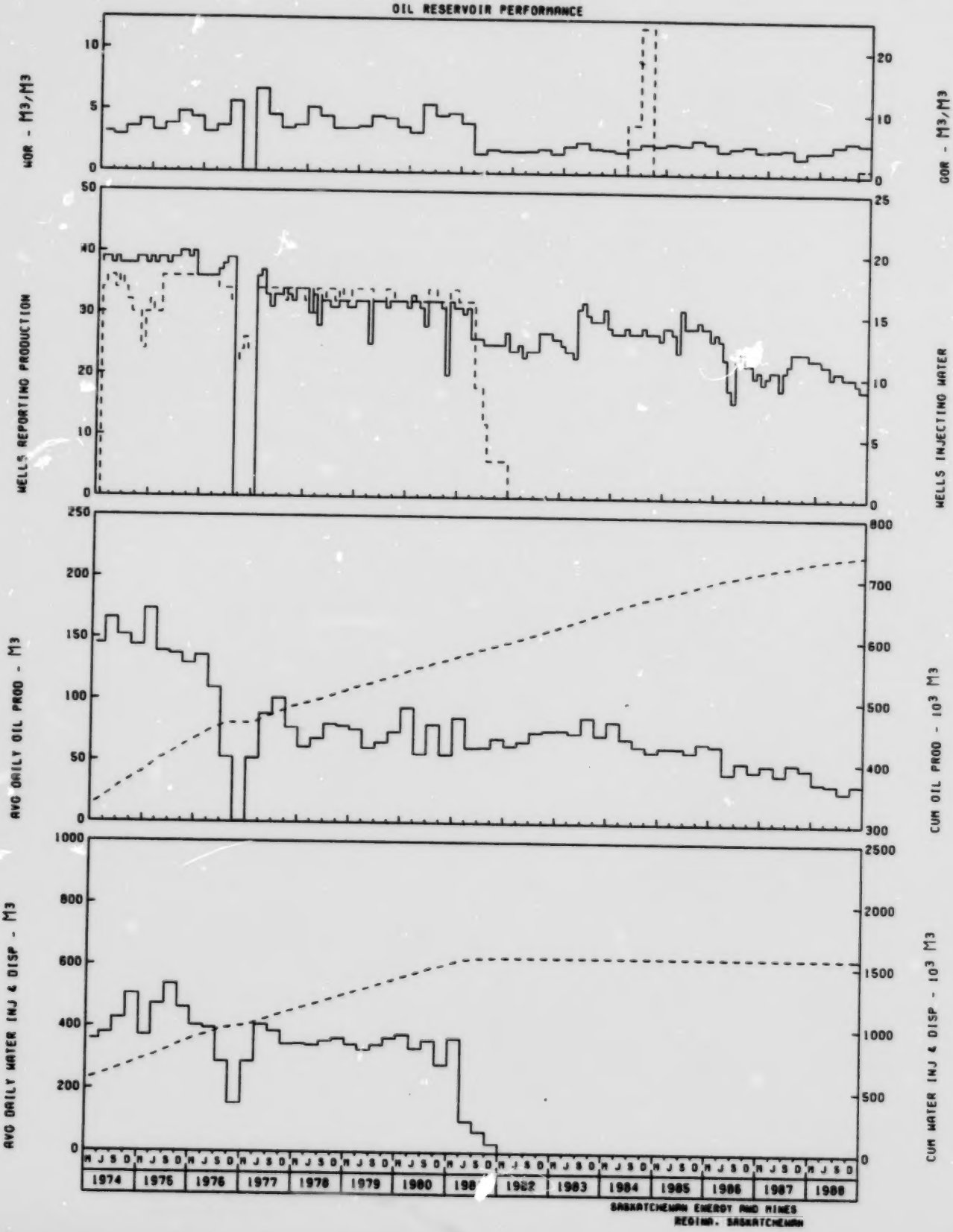
BIG GULLY MCLAREN SAND POOL

BIG GULLY VOL UNIT 1

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
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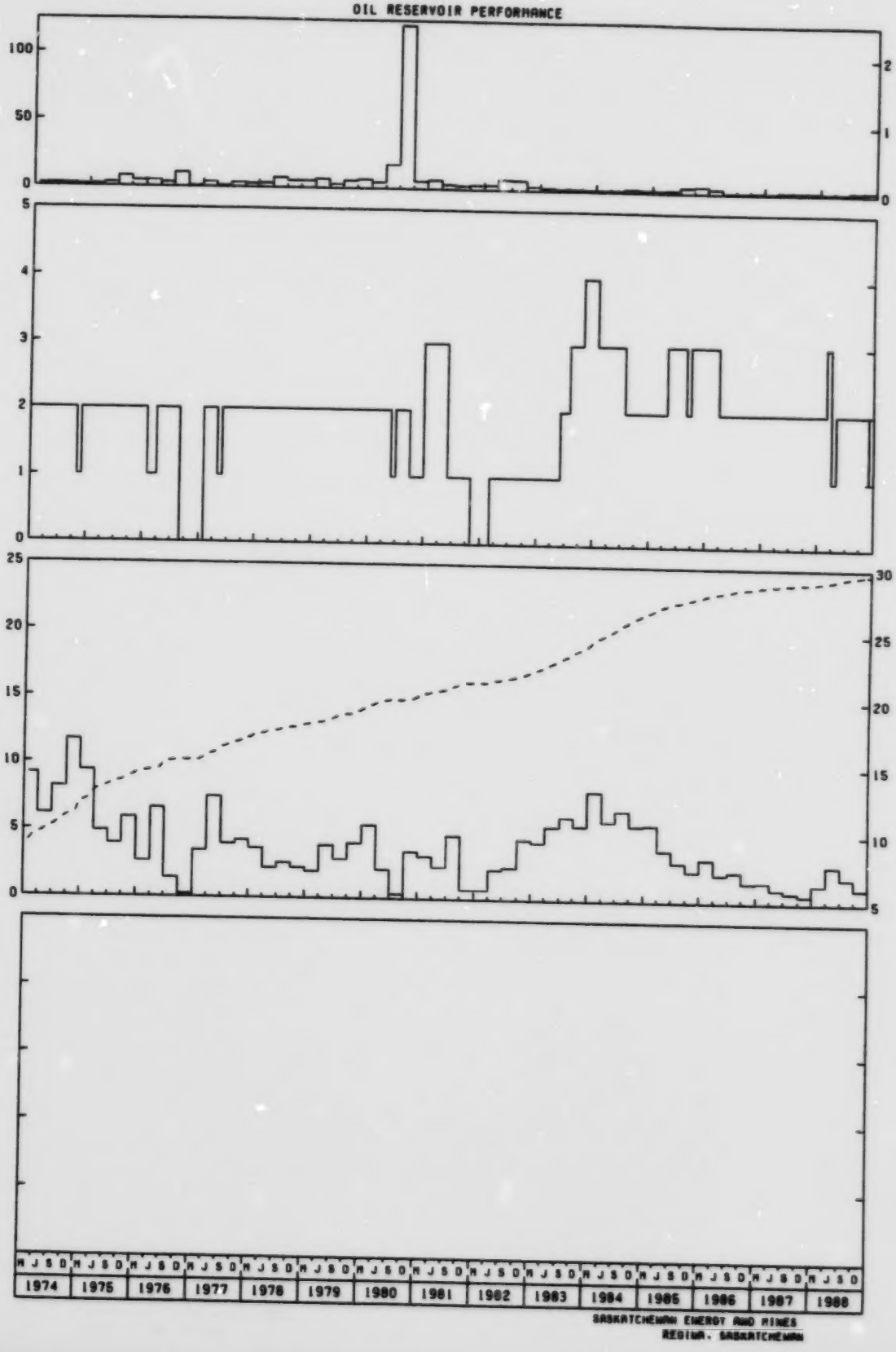
BIG GULLY MCLAREN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
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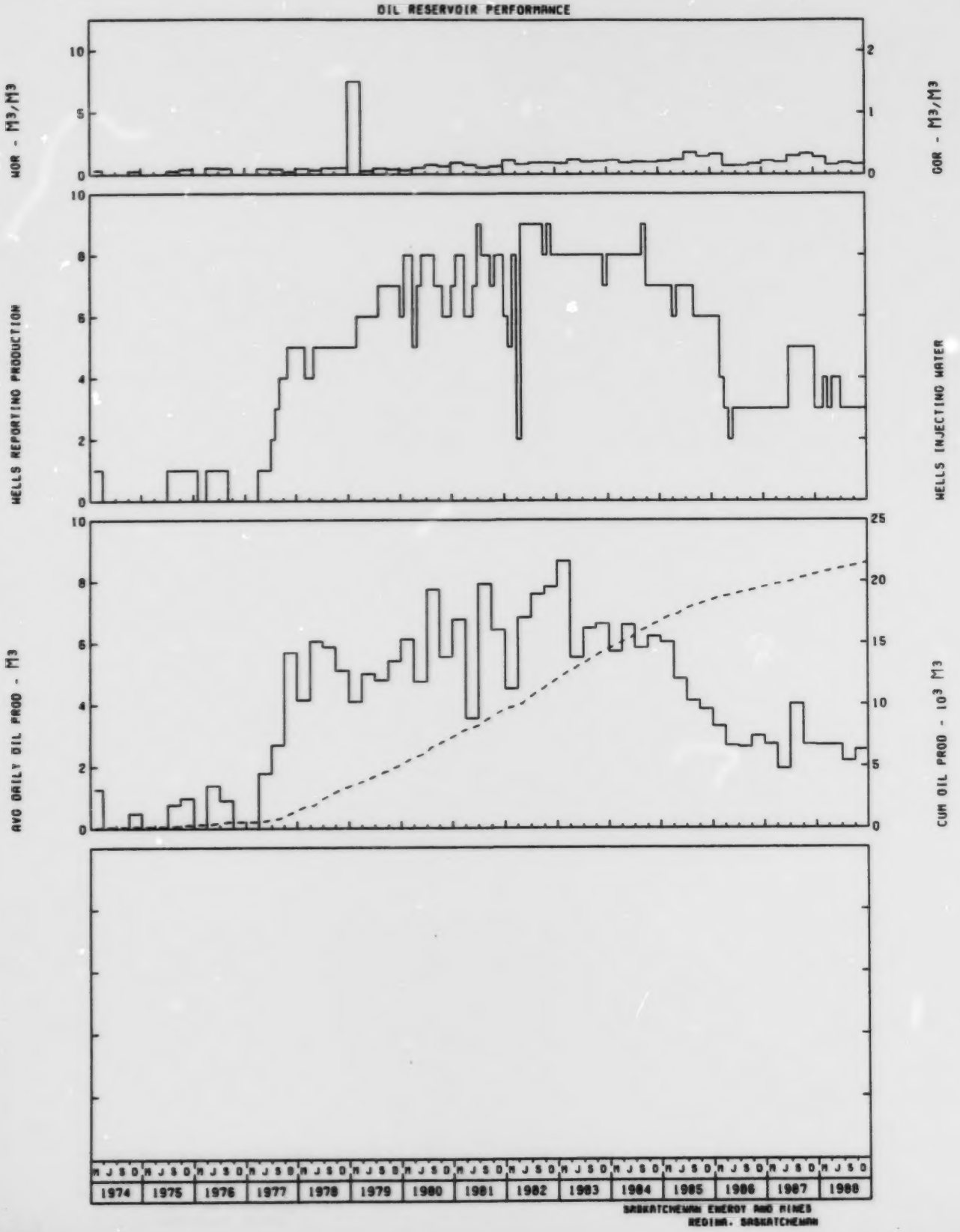
RIGHT HAND SCALES - - -

BIG GULLY NORTH LLOYD SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

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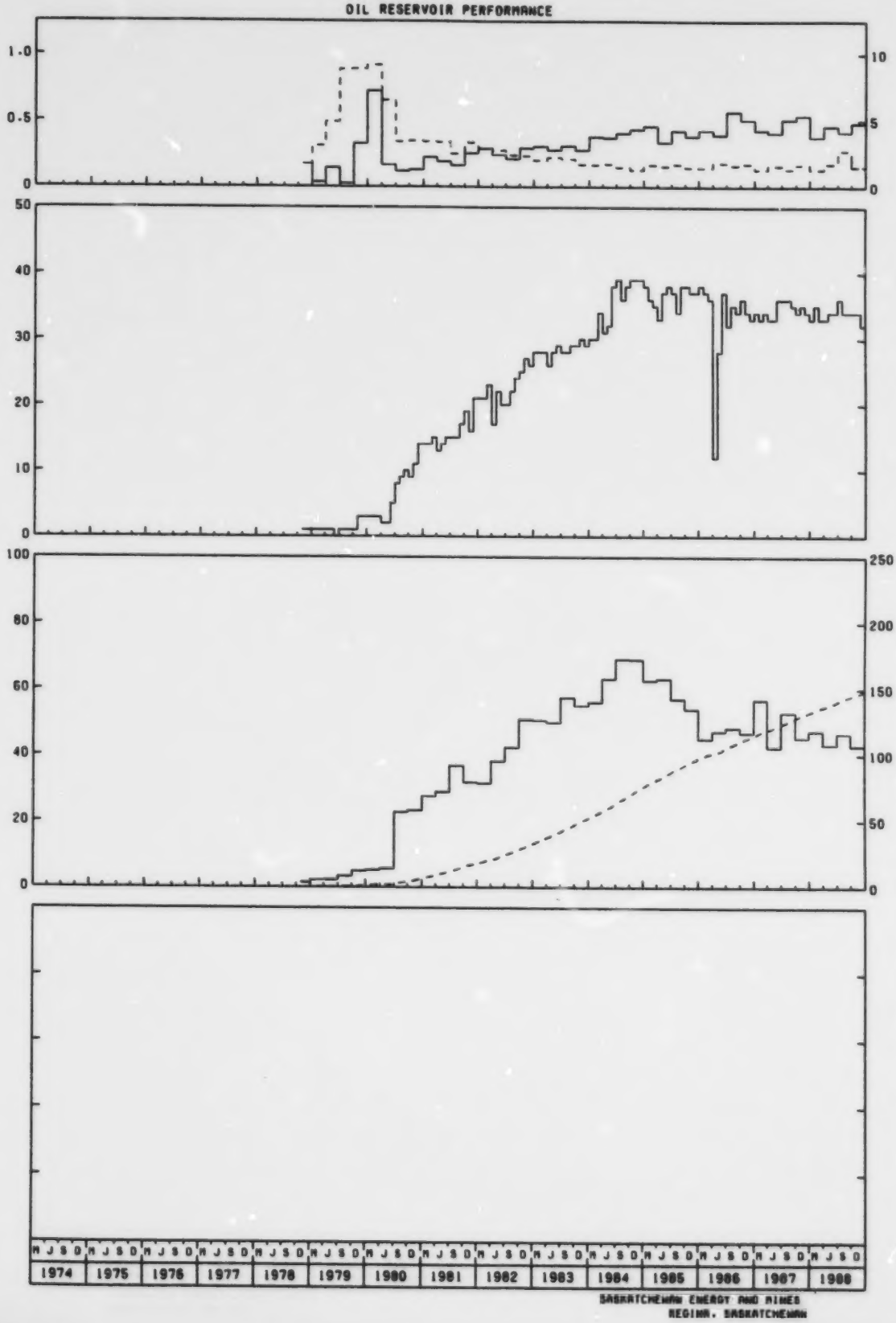
BUZZARD LLOYDMINSTER SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



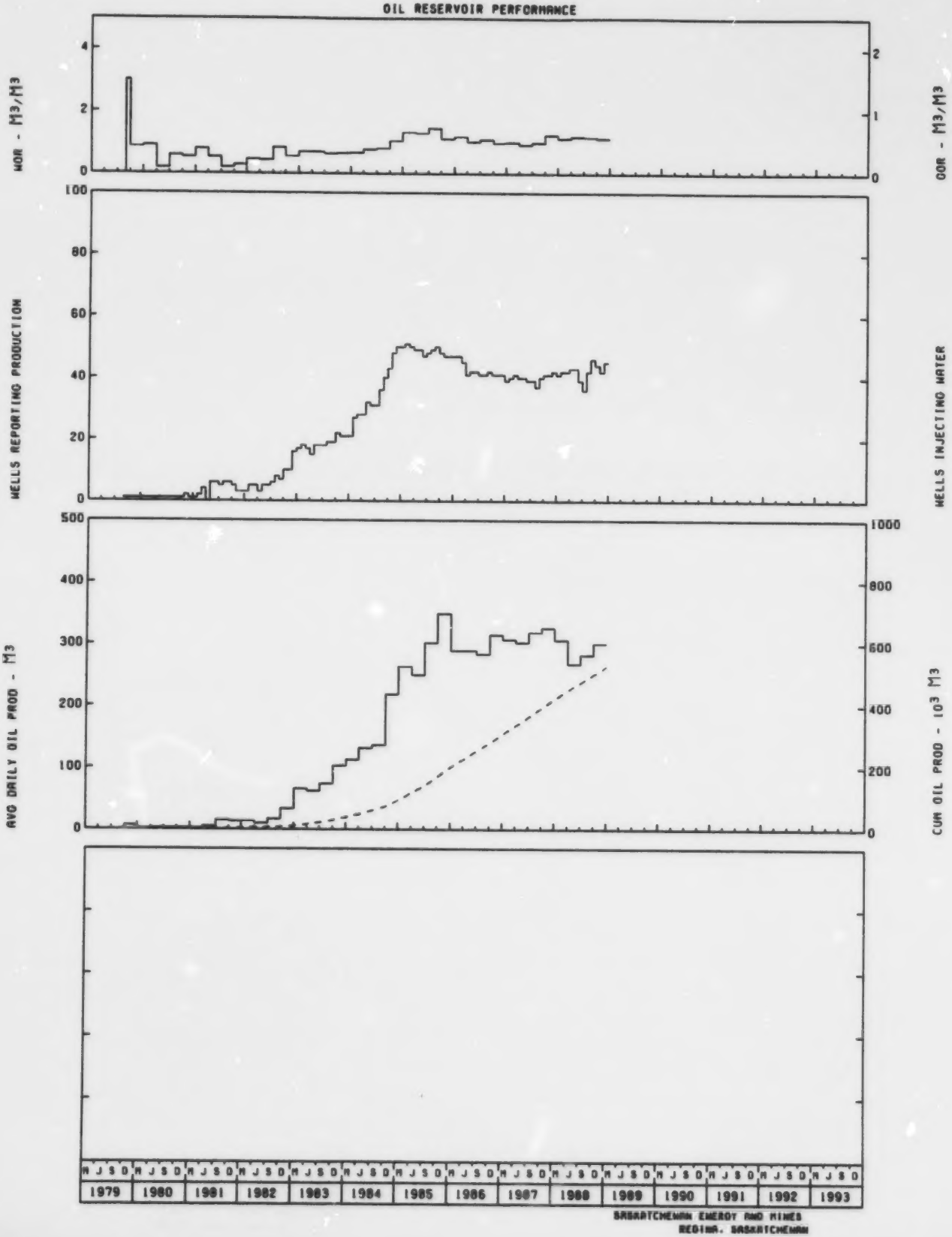
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CELTIC GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



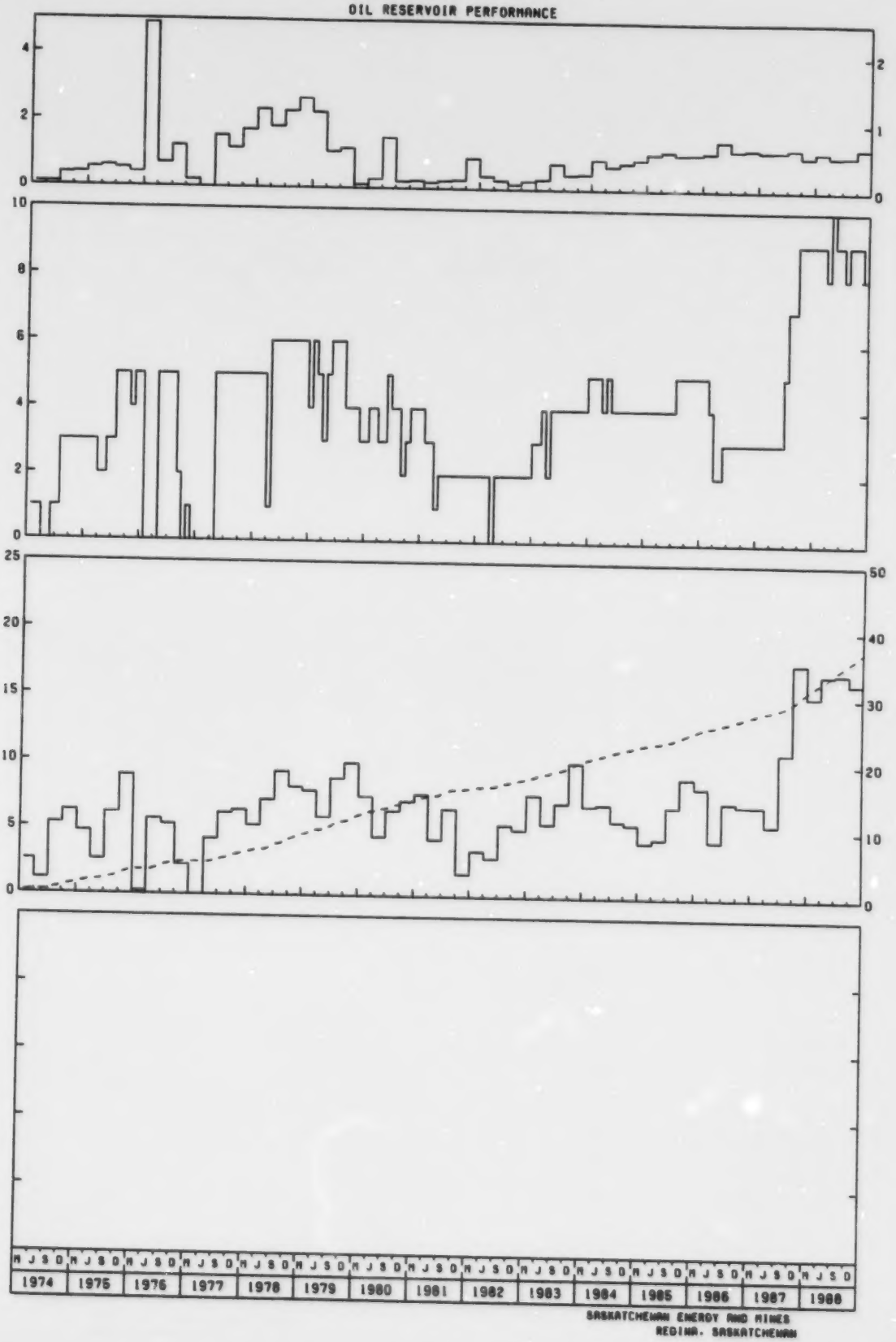
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CELTIC MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



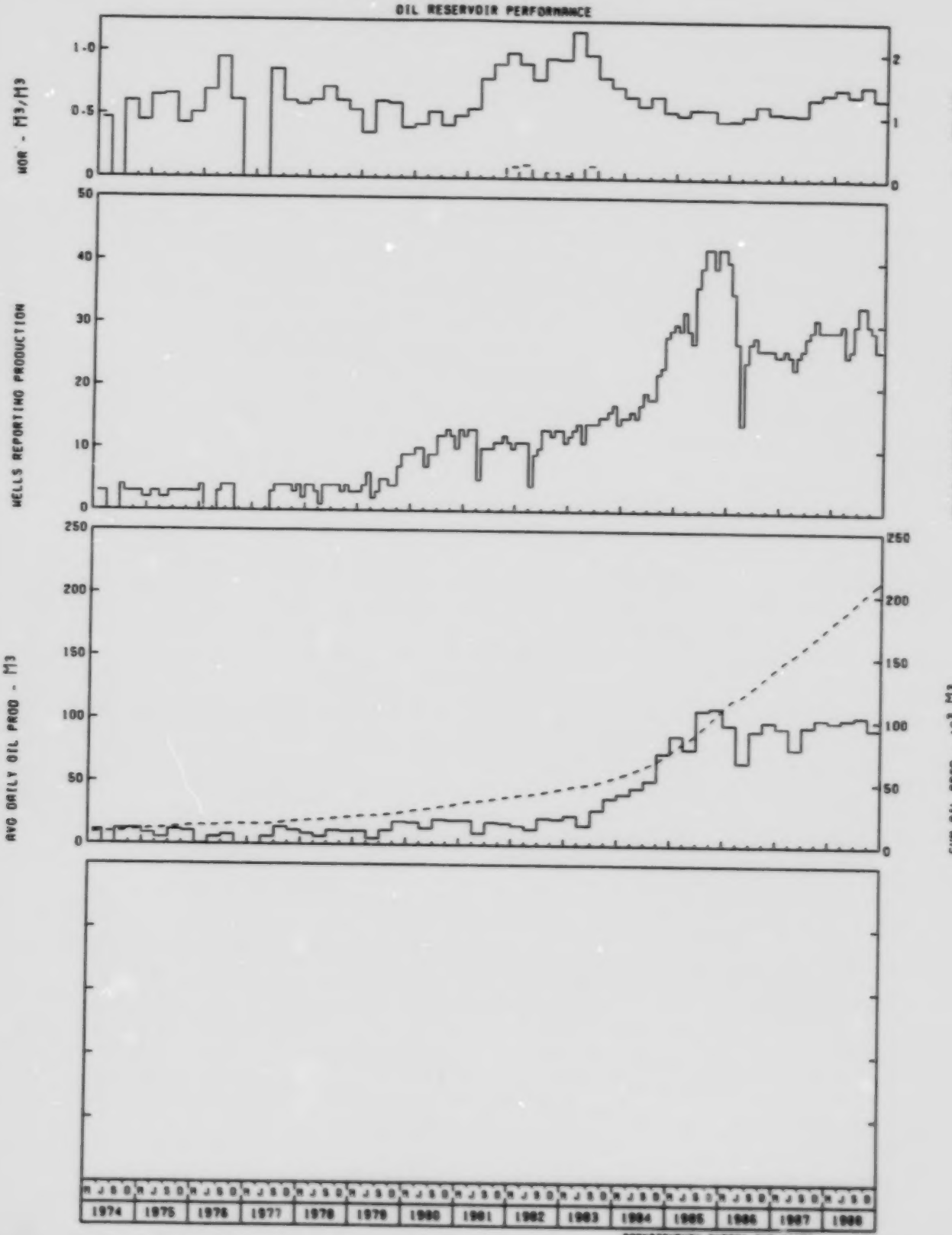
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CELTIC SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

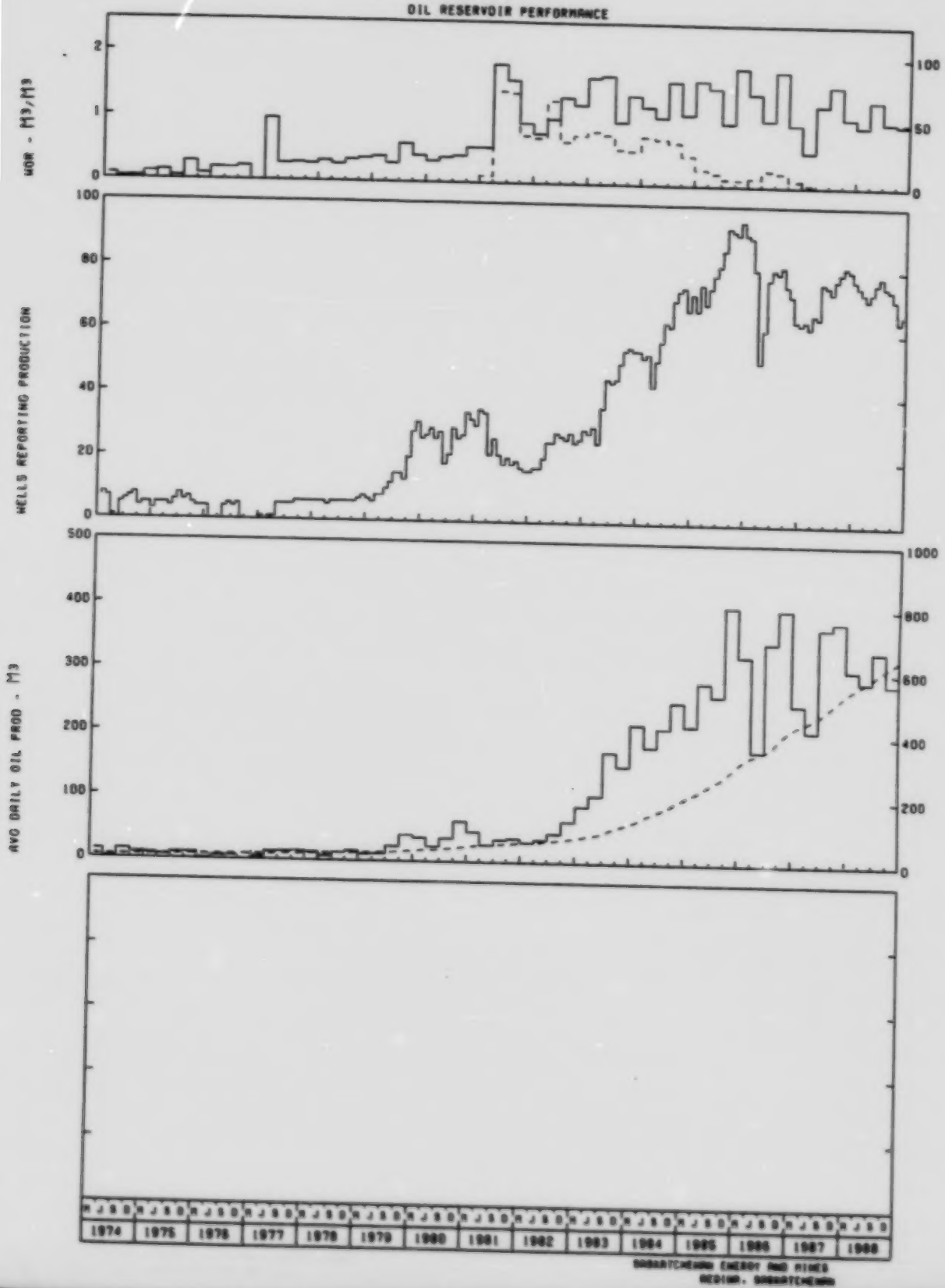


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

CELTIC WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



LEGEND:
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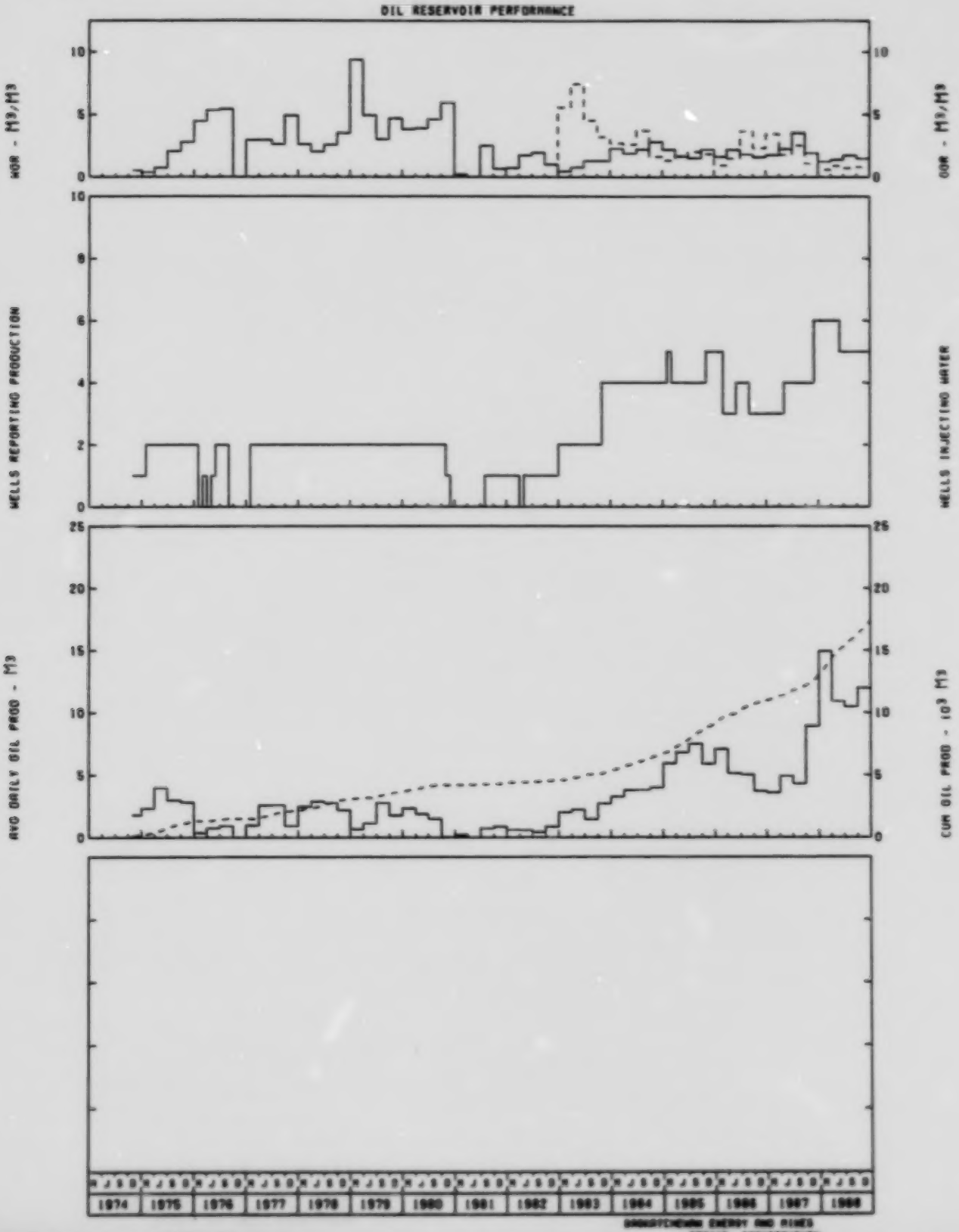
RIGHT HAND SCALES - - -

DEE VALLEY EAST MANNVILLE SANDS

NON-UNITS

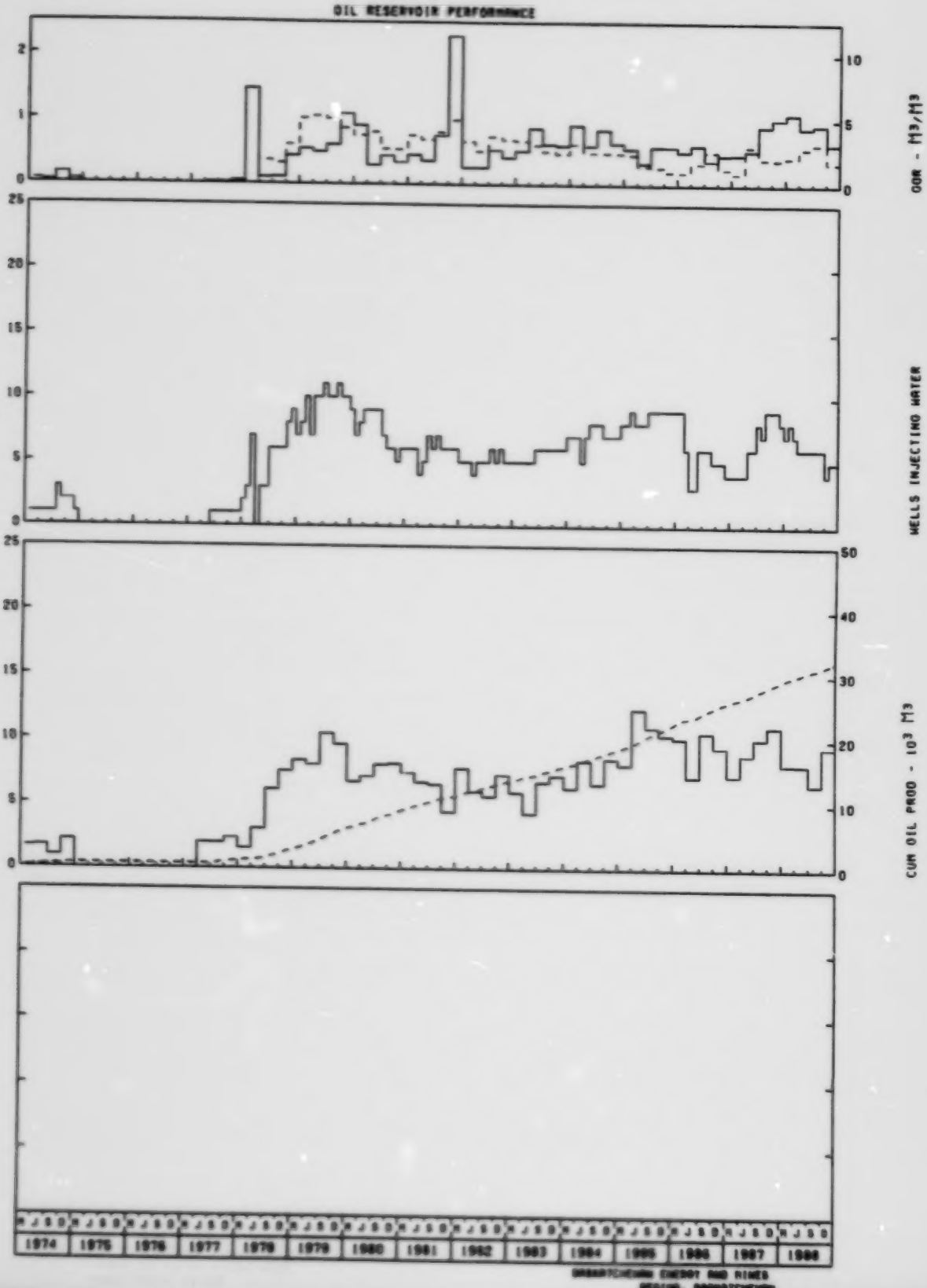
OIL RESERVOIR PERFORMANCE



DEE VALLEY EAST SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



LEGEND:
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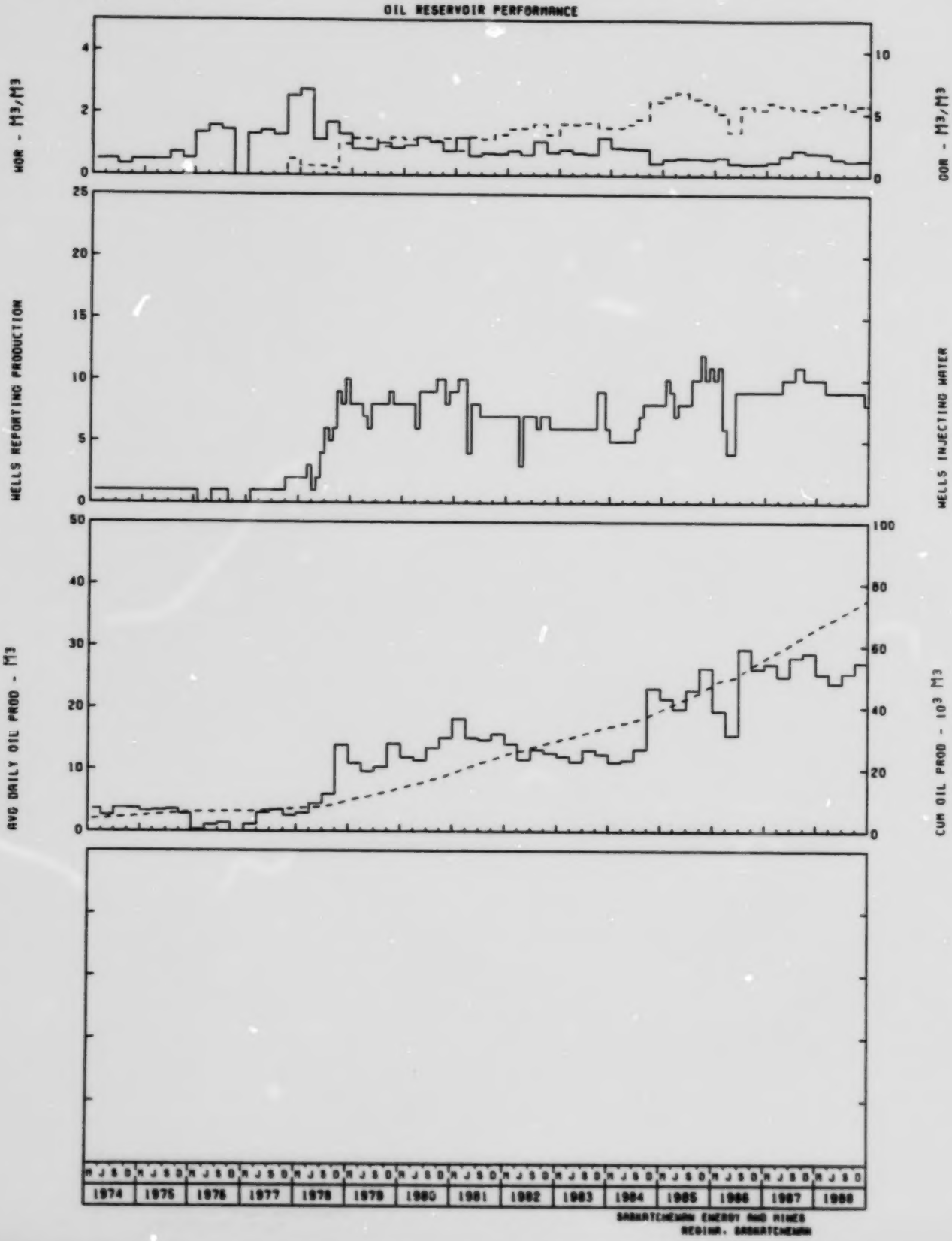
RIGHT HAND SCALES - - -

DEE VALLEY EAST WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



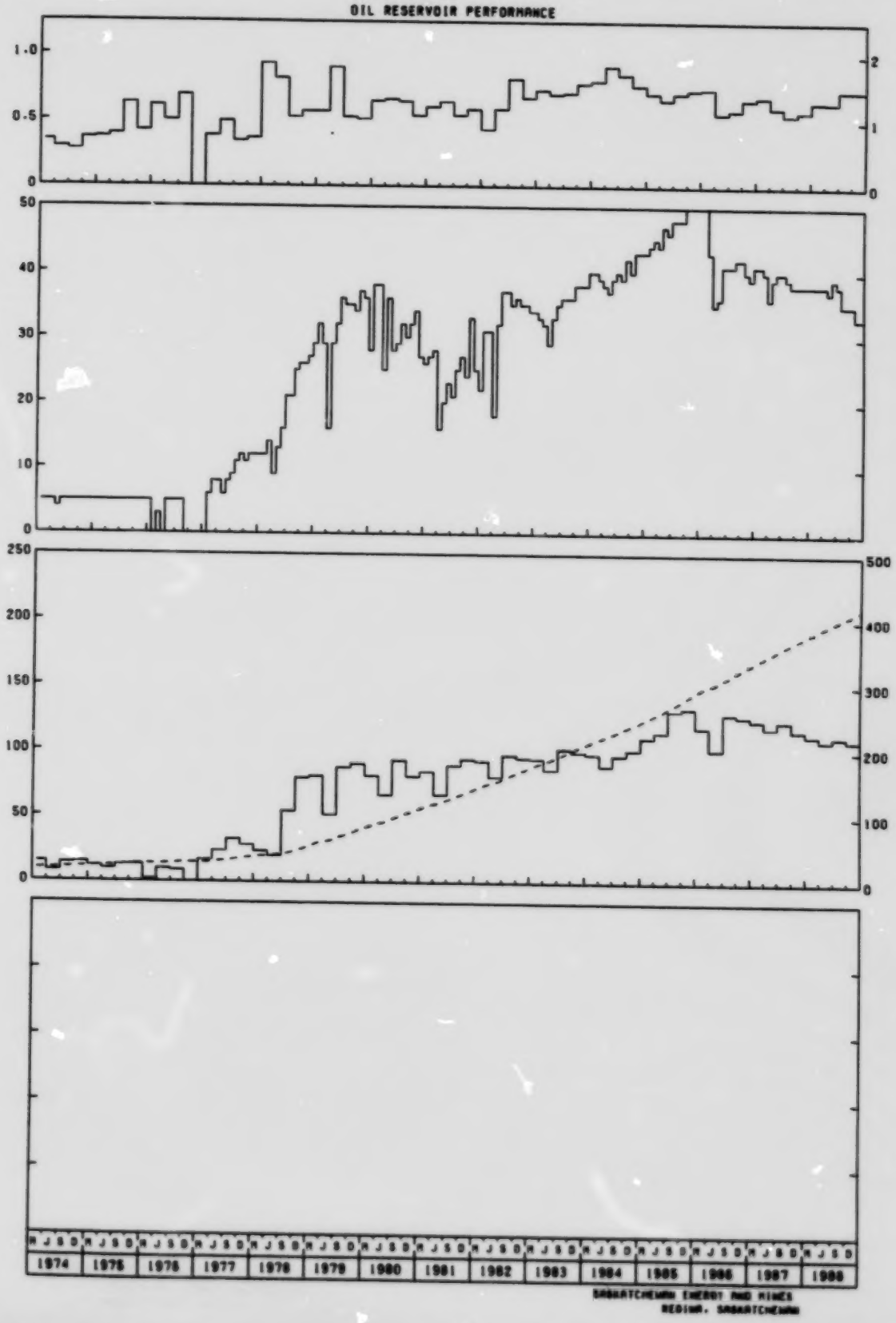
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DEE VALLEY WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



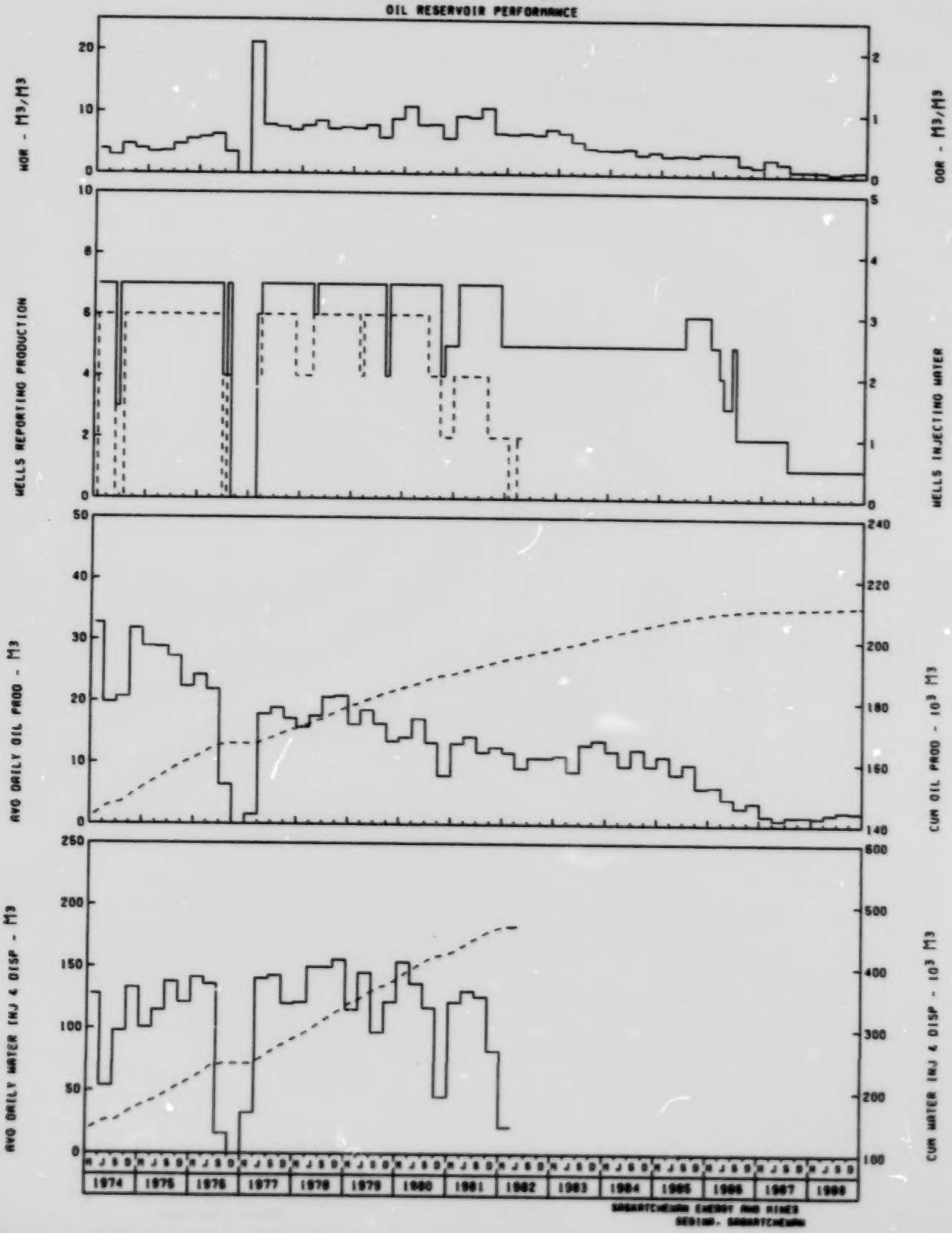
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DULWICH NORTH SPARKY SAND POOL

NORTH DULWICH SPKY VOL UNIT

OIL RESERVOIR PERFORMANCE

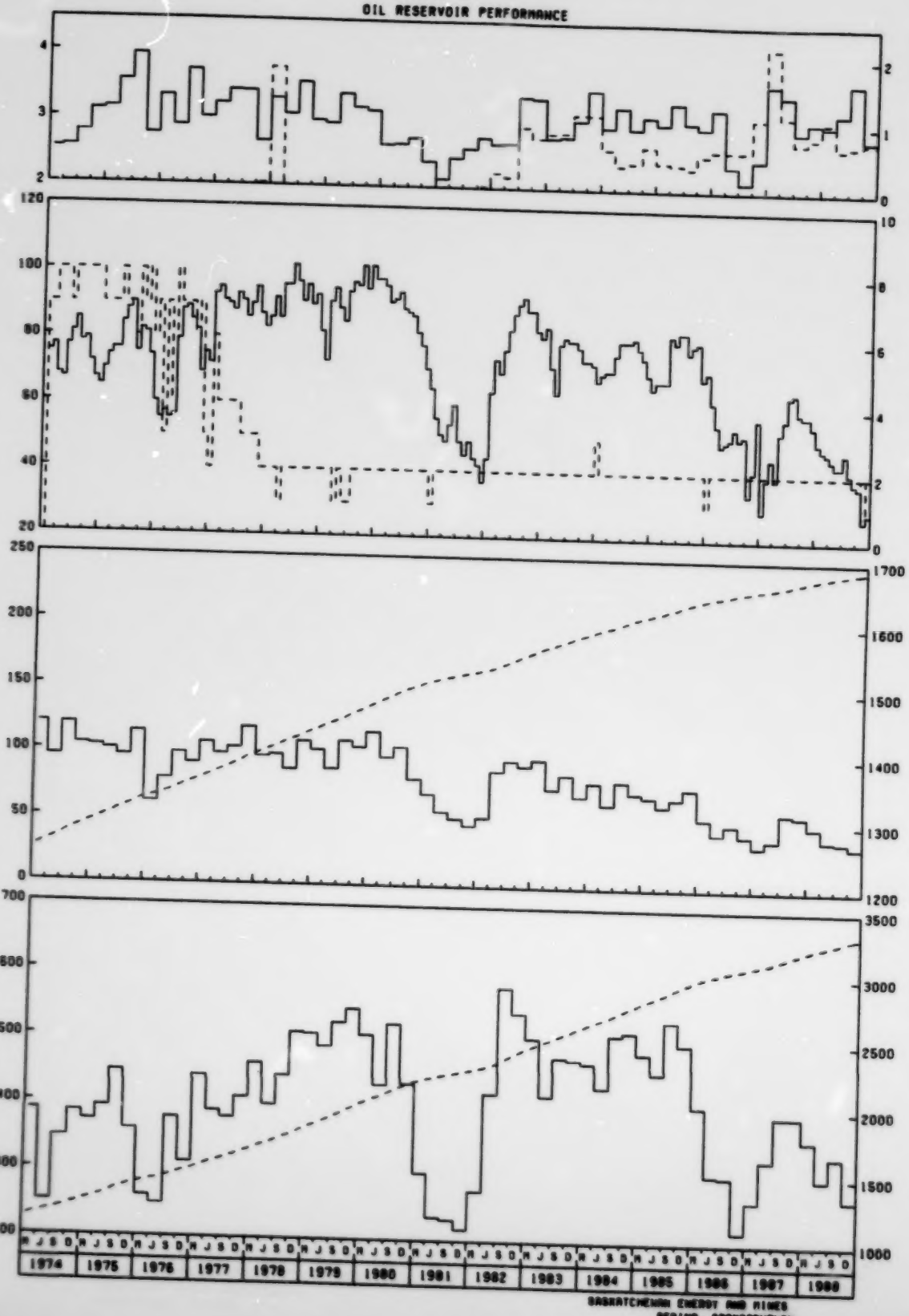


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

DULWICH SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



LEGEND:
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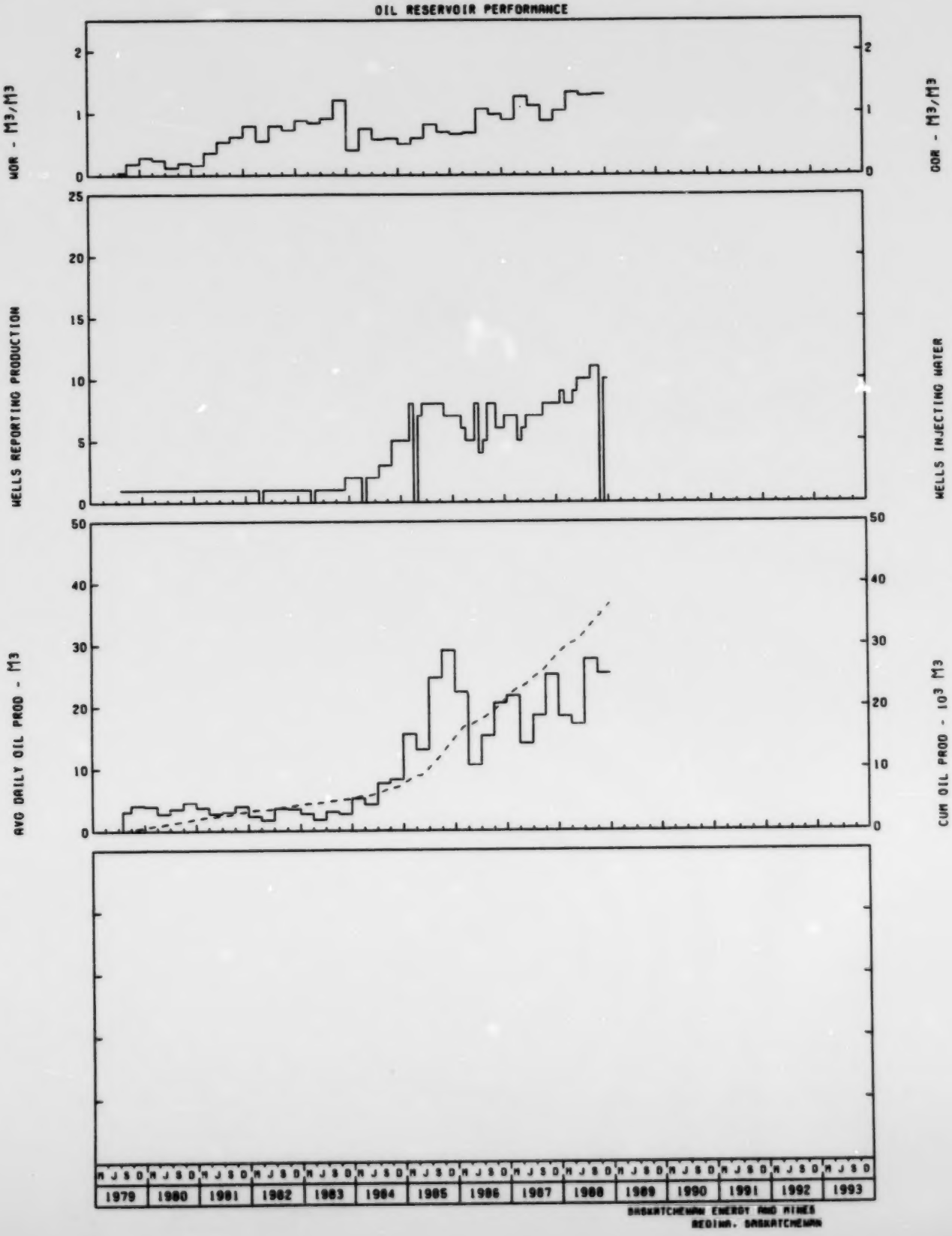
RIGHT HAND SCALES - - -

EAR LAKE WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



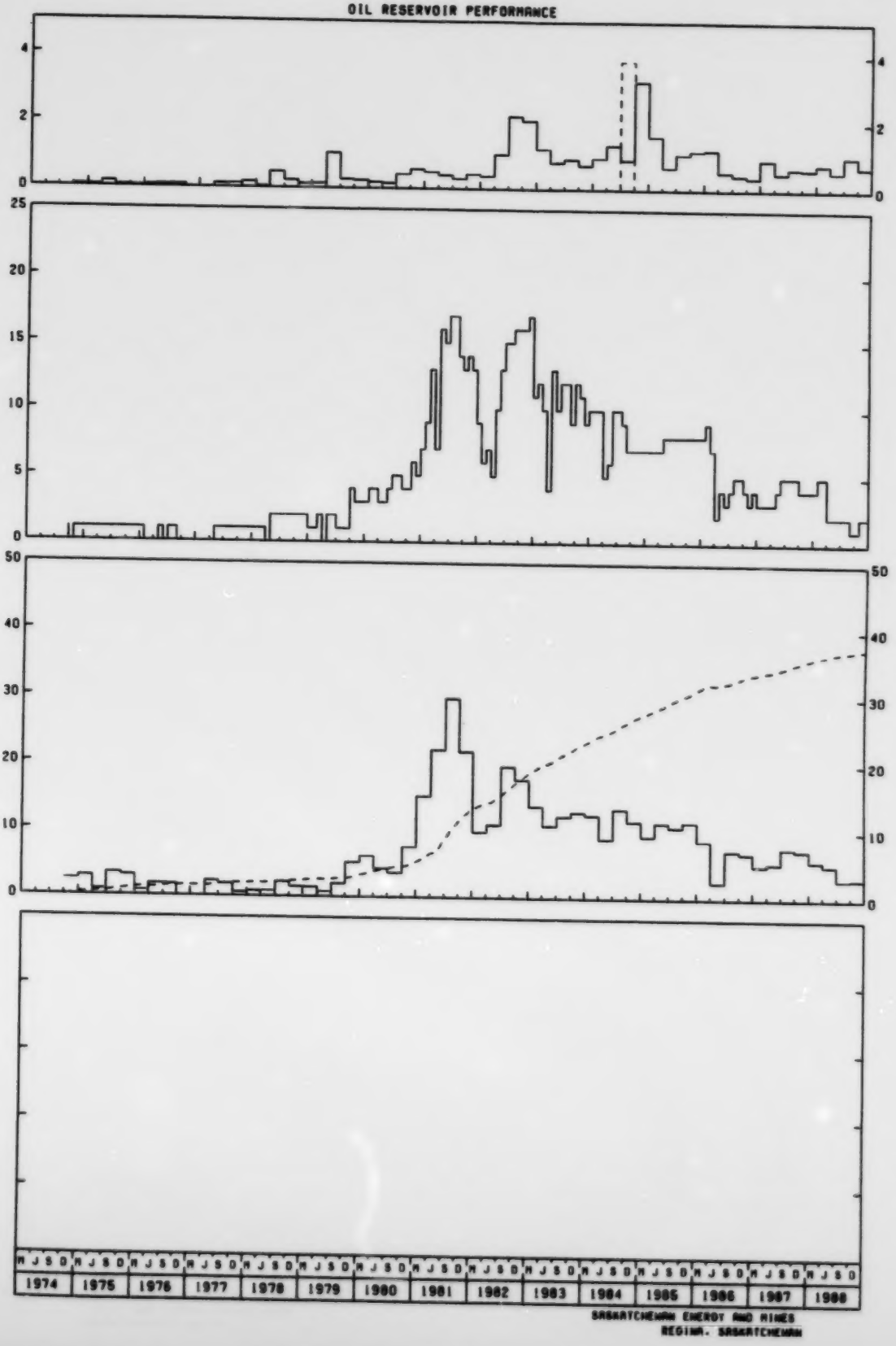
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EDAM WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



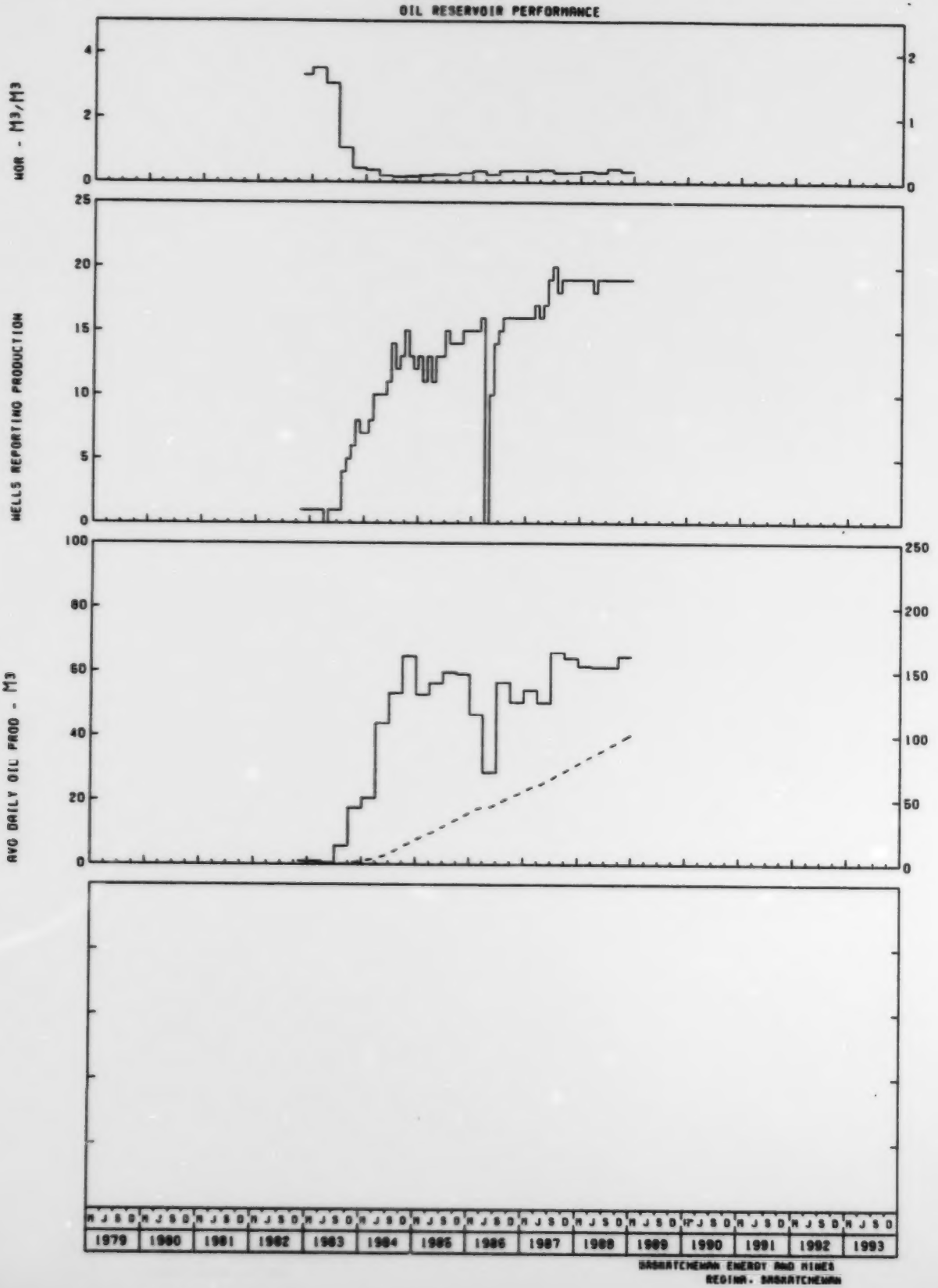
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EDAM WEST MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
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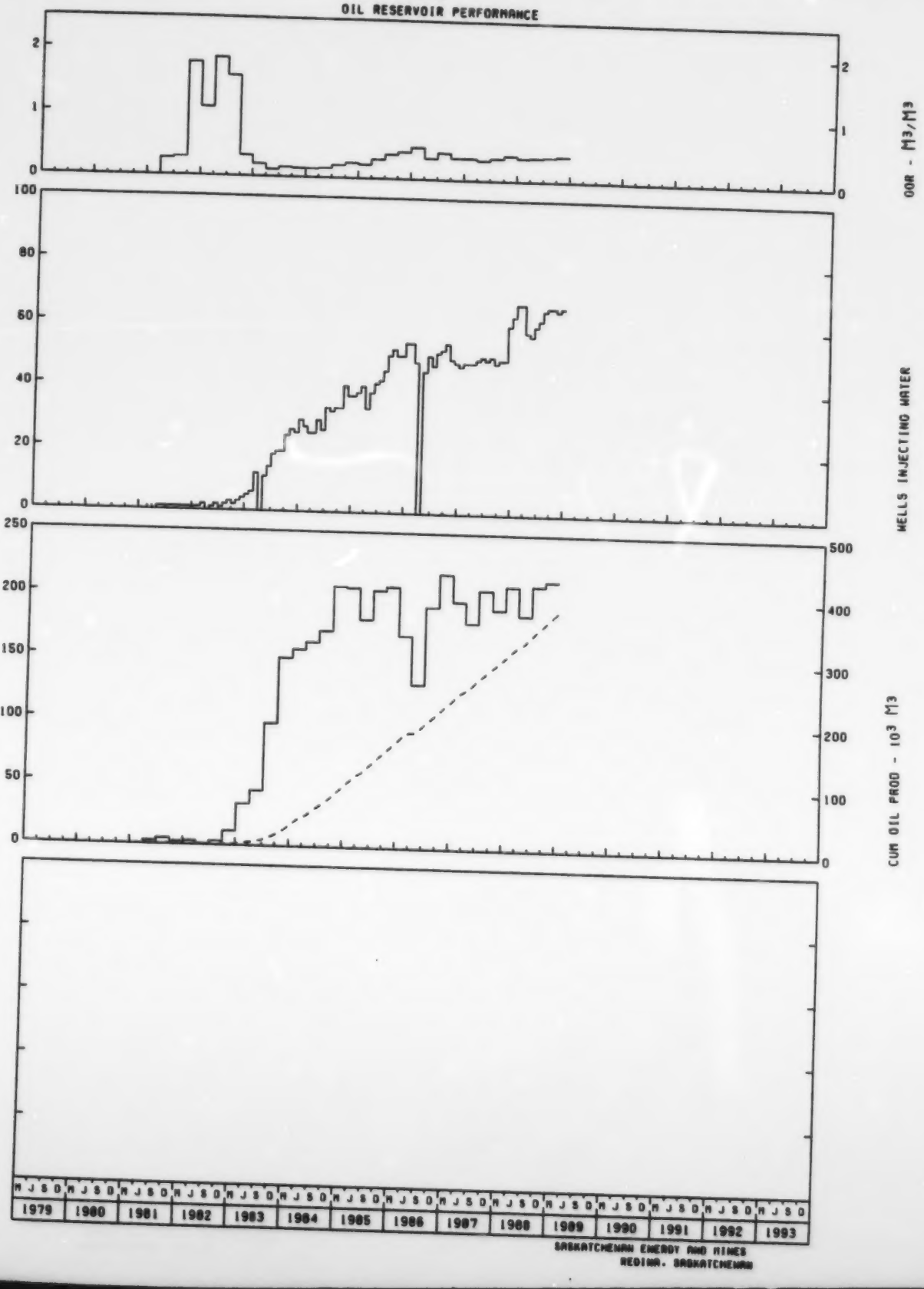
RIGHT HAND SCALES - - -

EDAM WEST SPARKY/GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



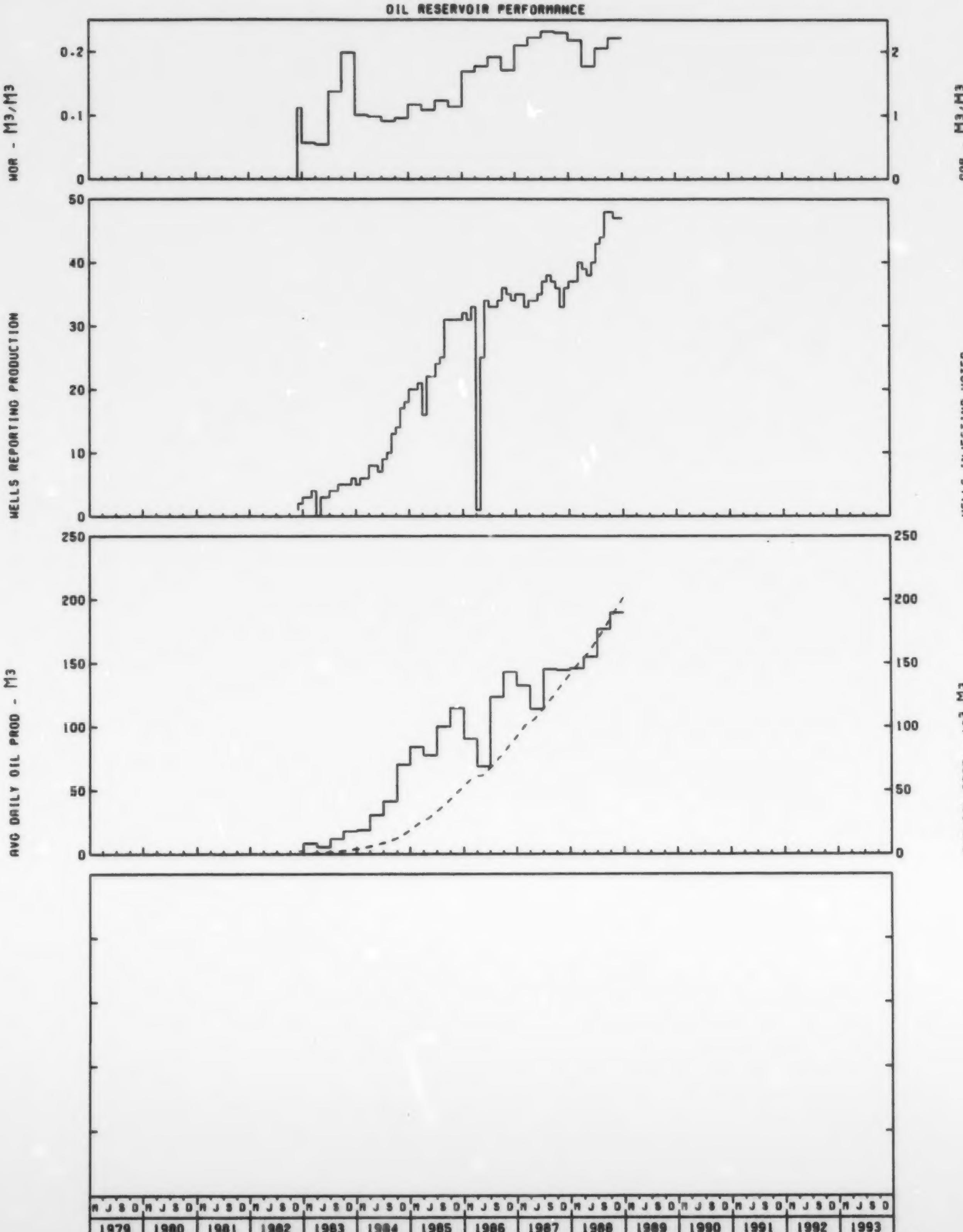
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EDAM WEST WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



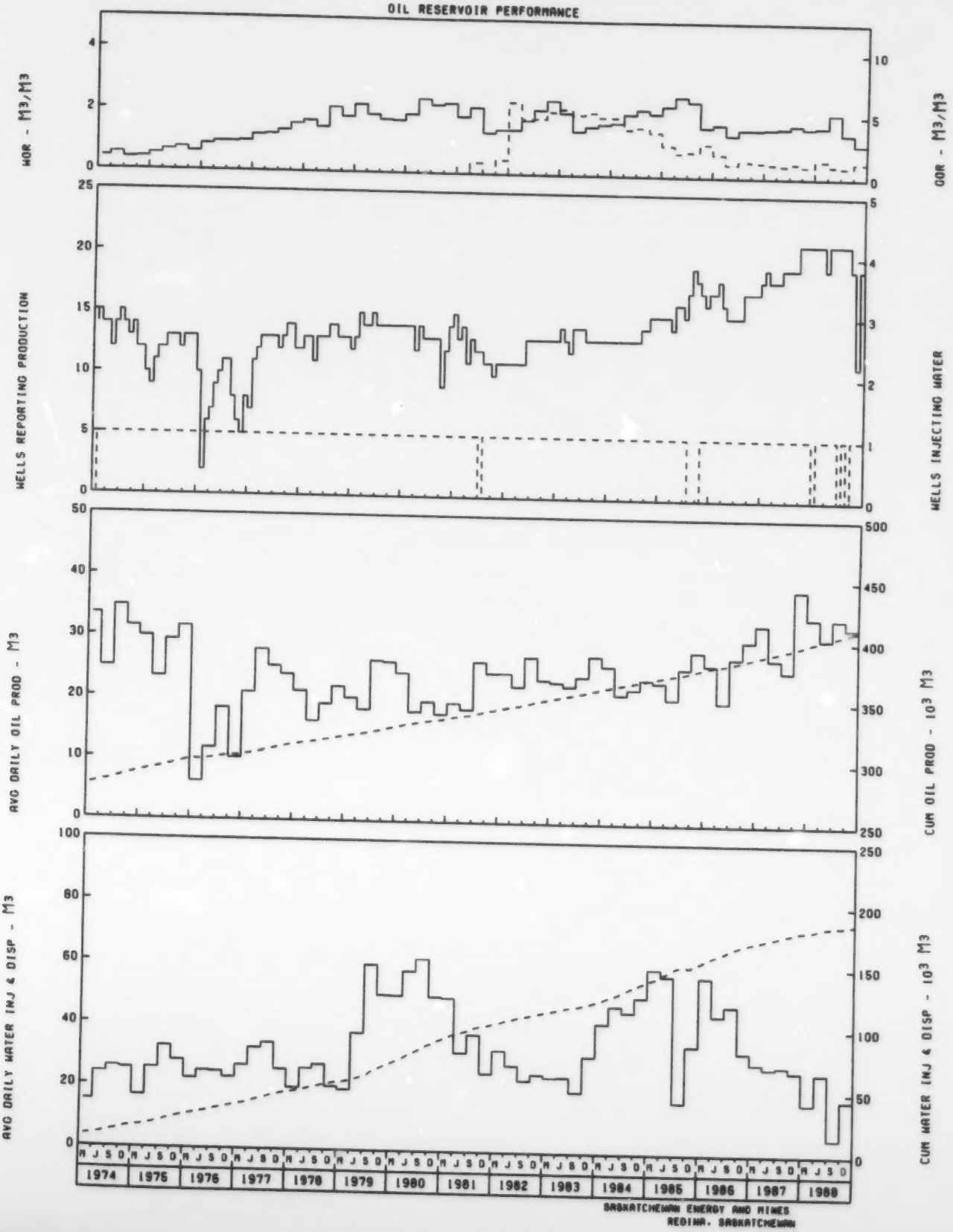
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EPPING GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



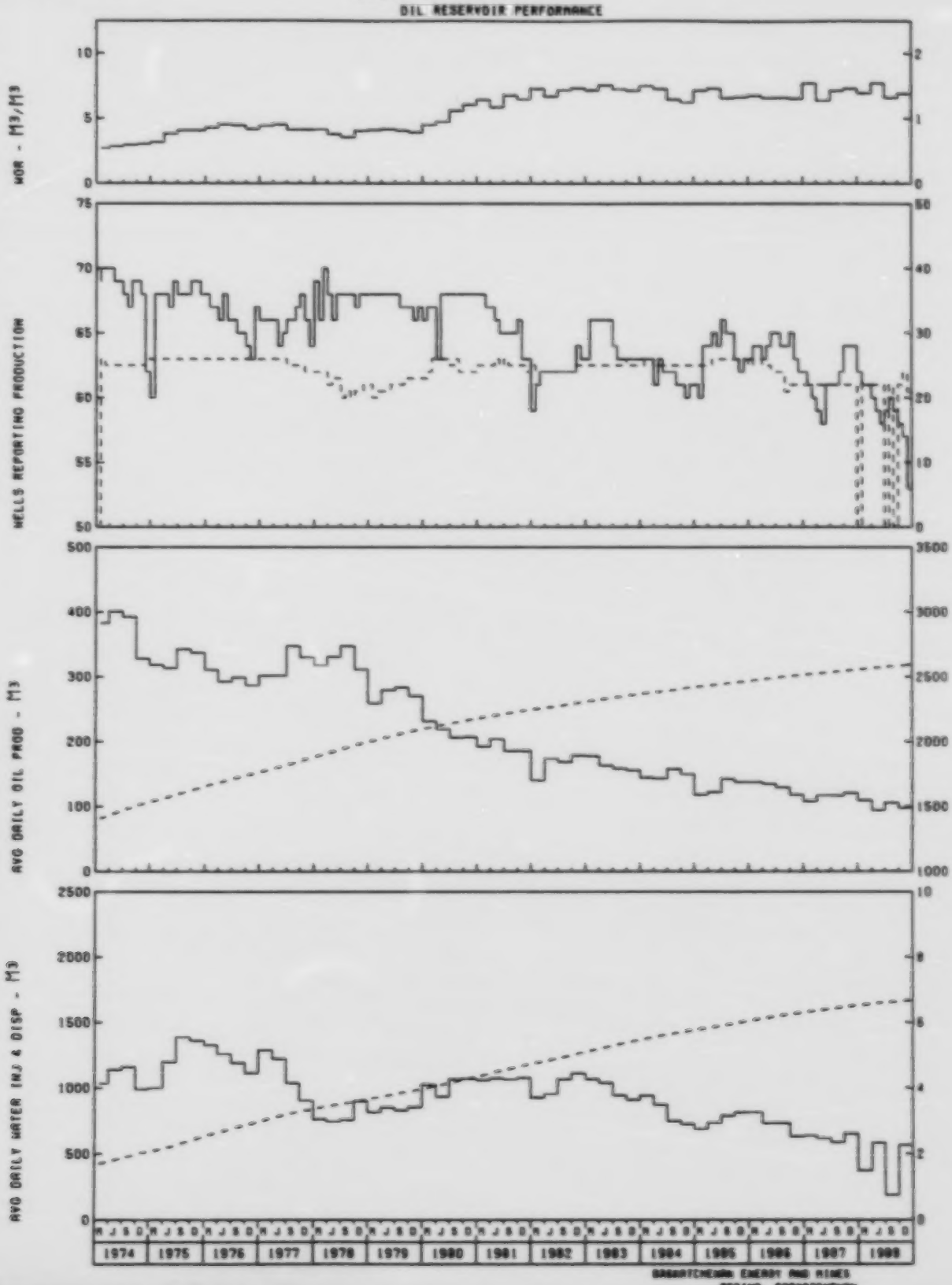
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EPPING SPARKY SAND POOL

SOUTH EPPING UNIT 1

OIL RESERVOIR PERFORMANCE



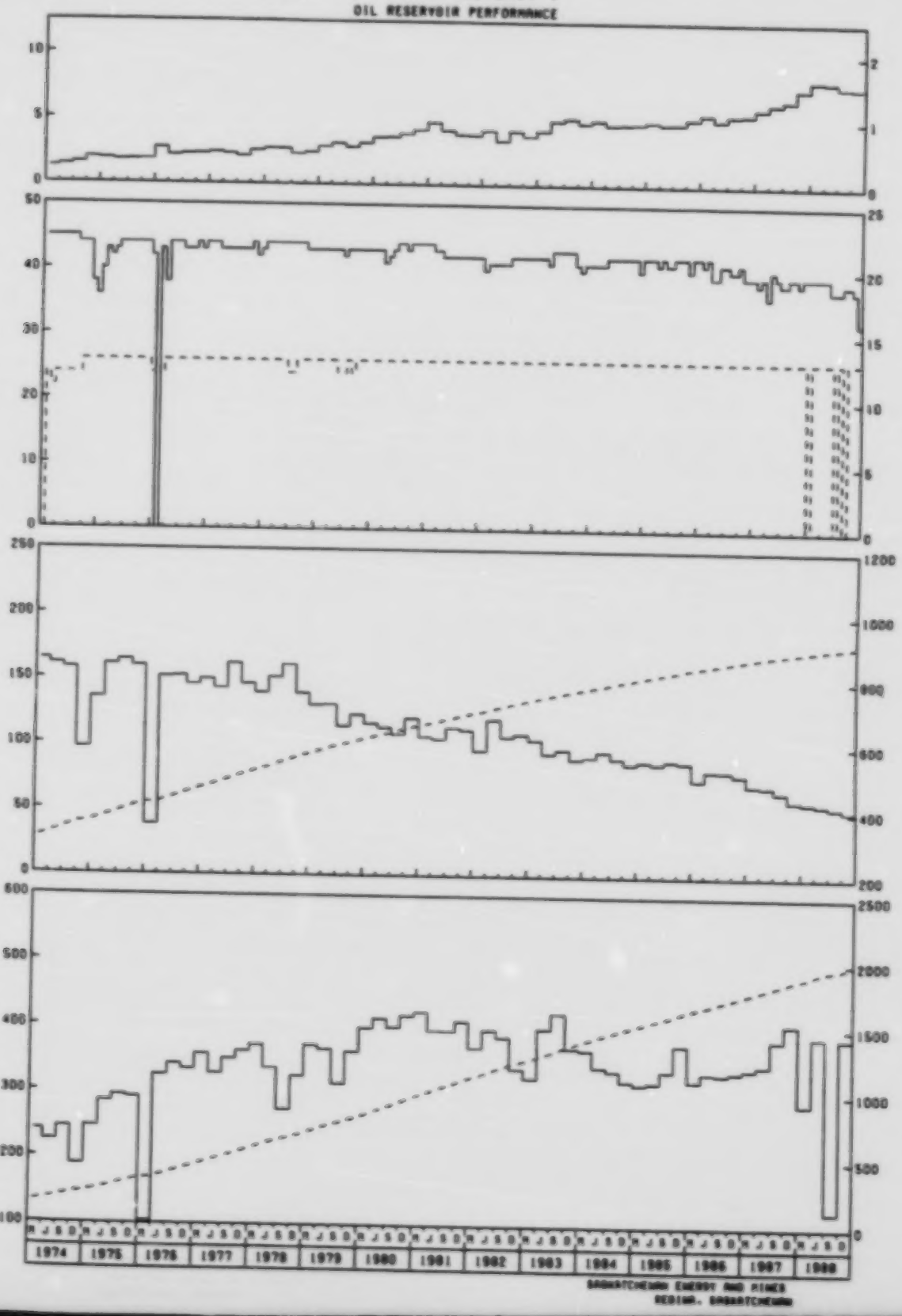
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EPPING SPARKY SAND POOL

SOUTH W EPP SPKY VOL UNIT I

OIL RESERVOIR PERFORMANCE



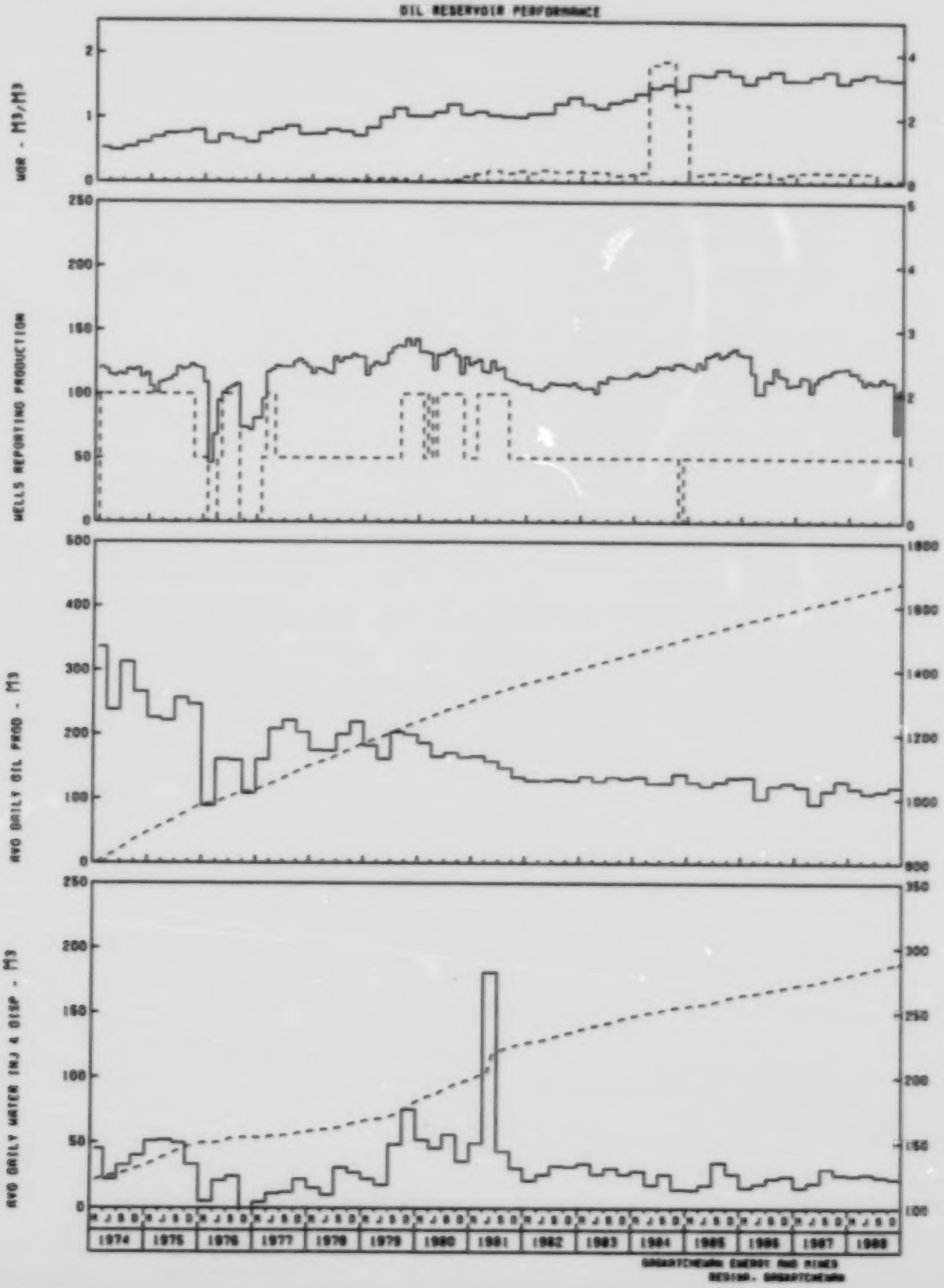
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EPPING SPARKY SAND POOL

NON-UNITS

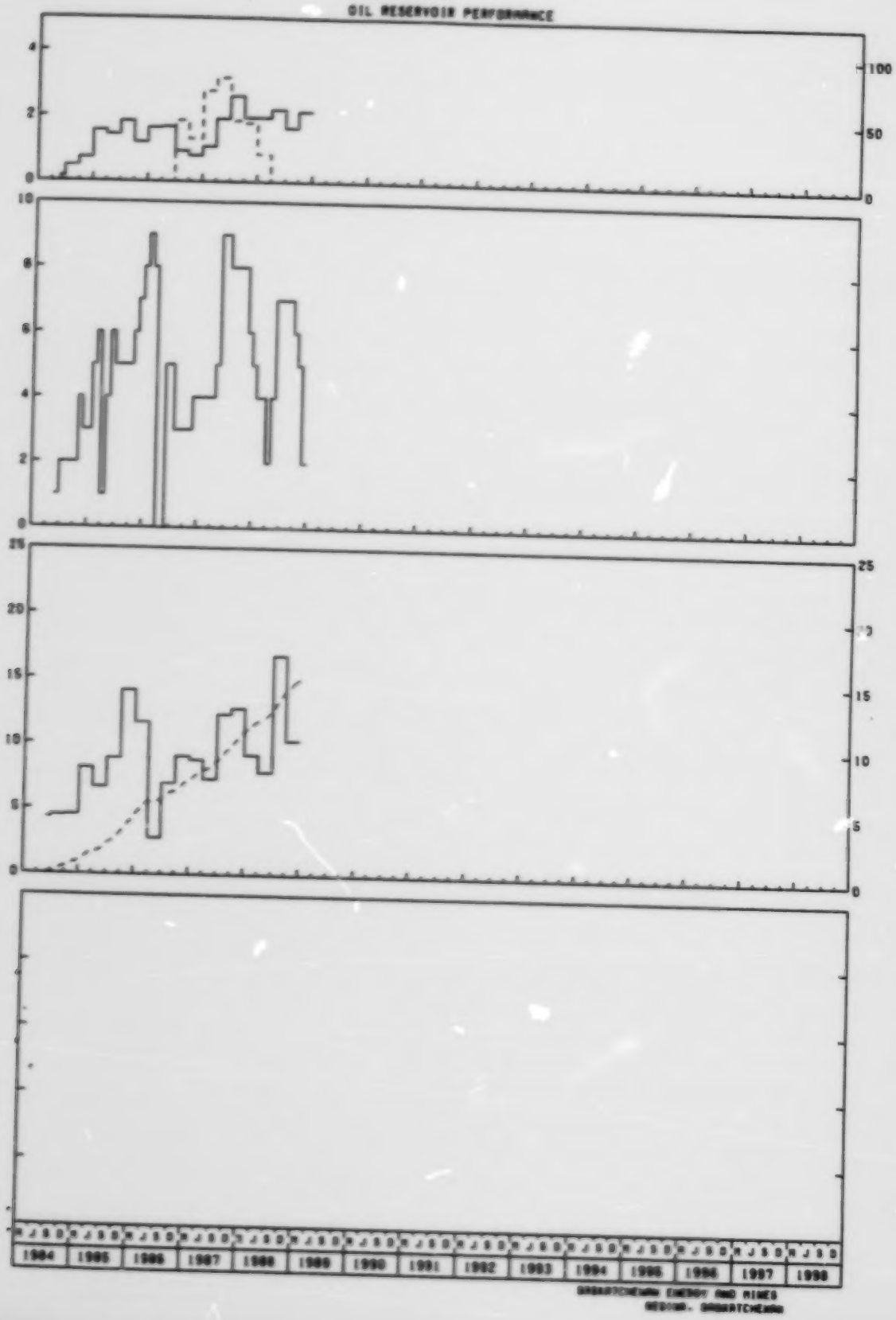
OIL RESERVOIR PERFORMANCE



EVESHAM N MCLAREN SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

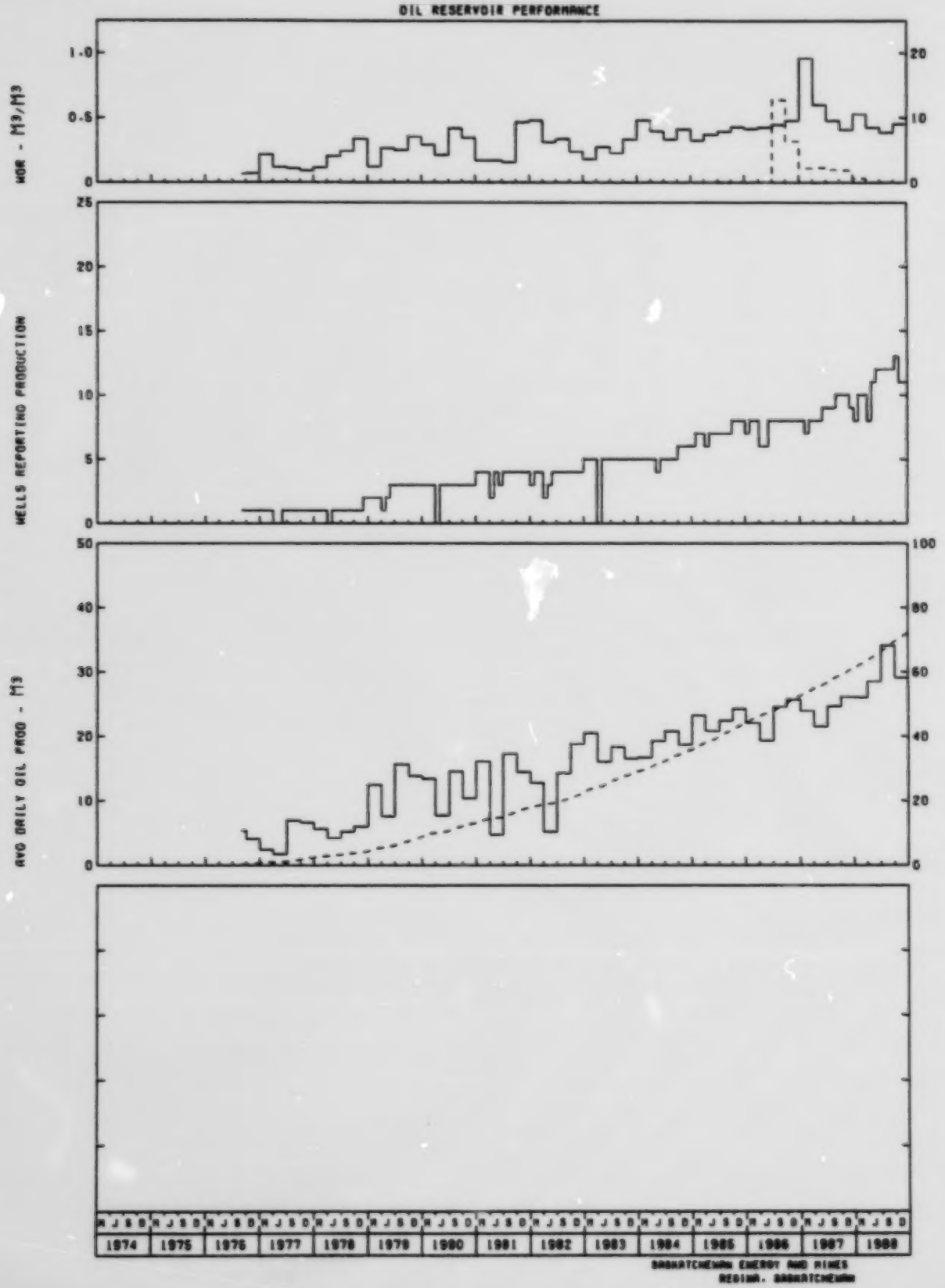


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EVESHAM N SPARKY SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



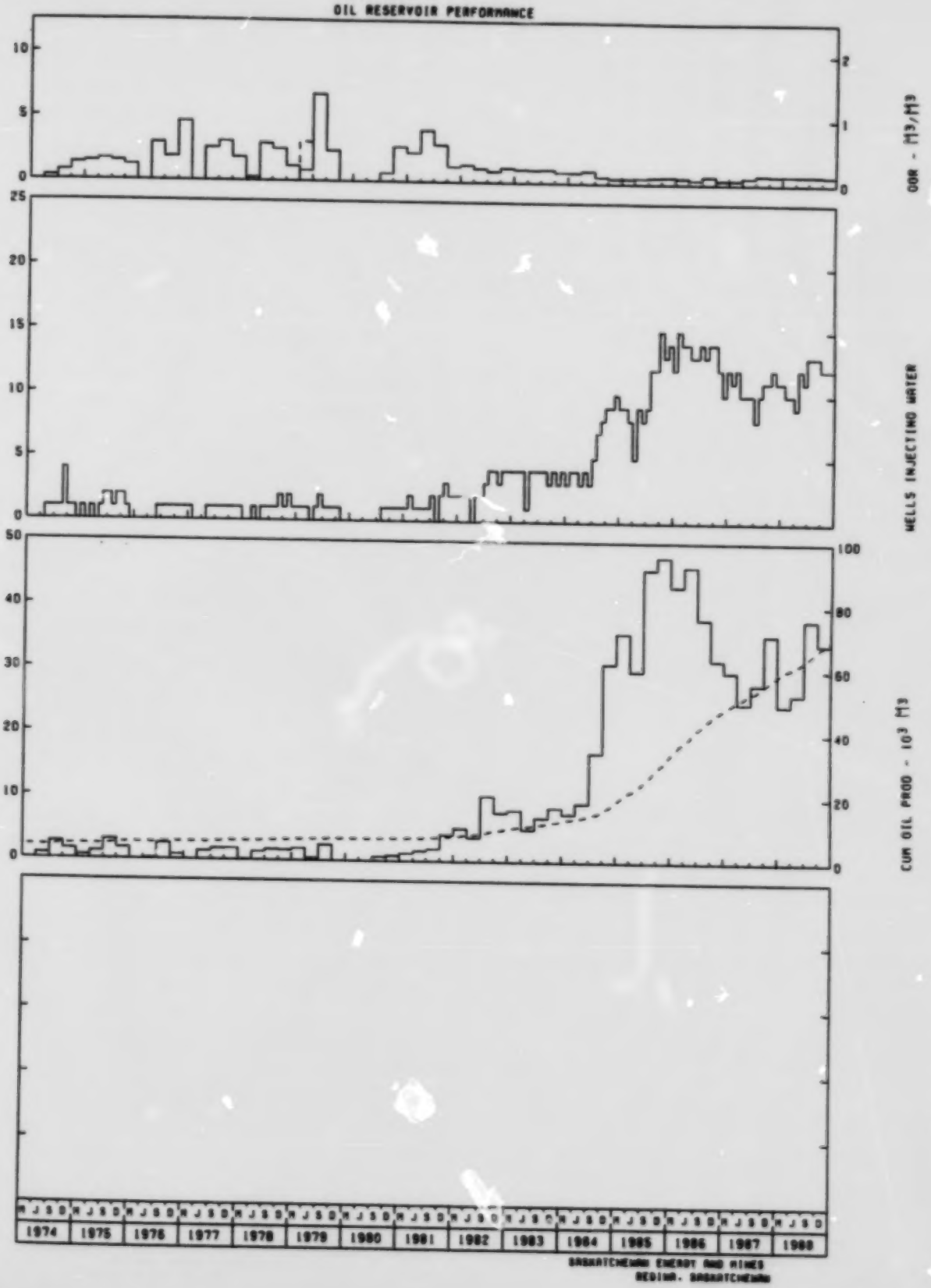
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EVESHAM SPARKY SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

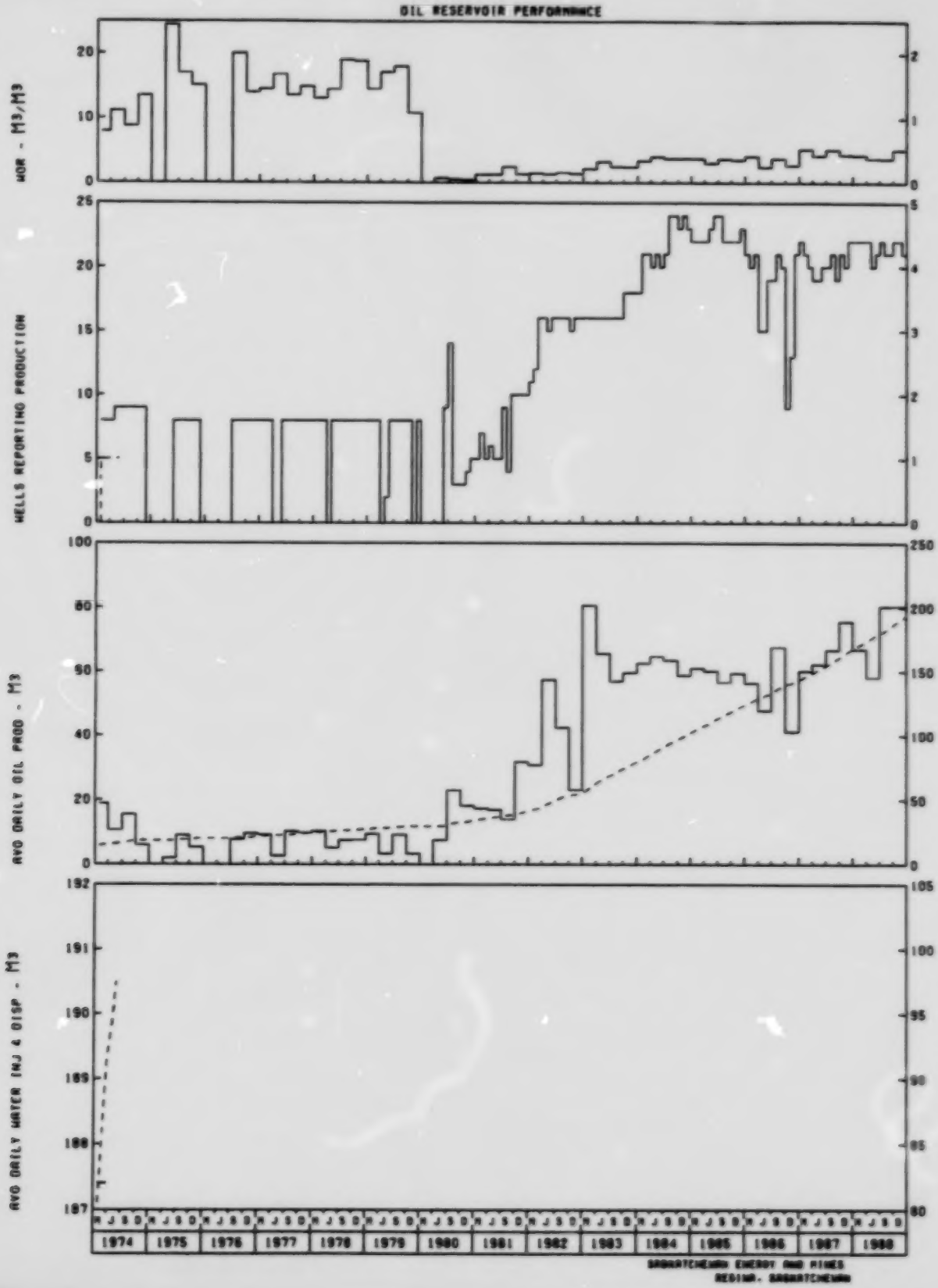


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

EYEHILL CUMMINGS SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

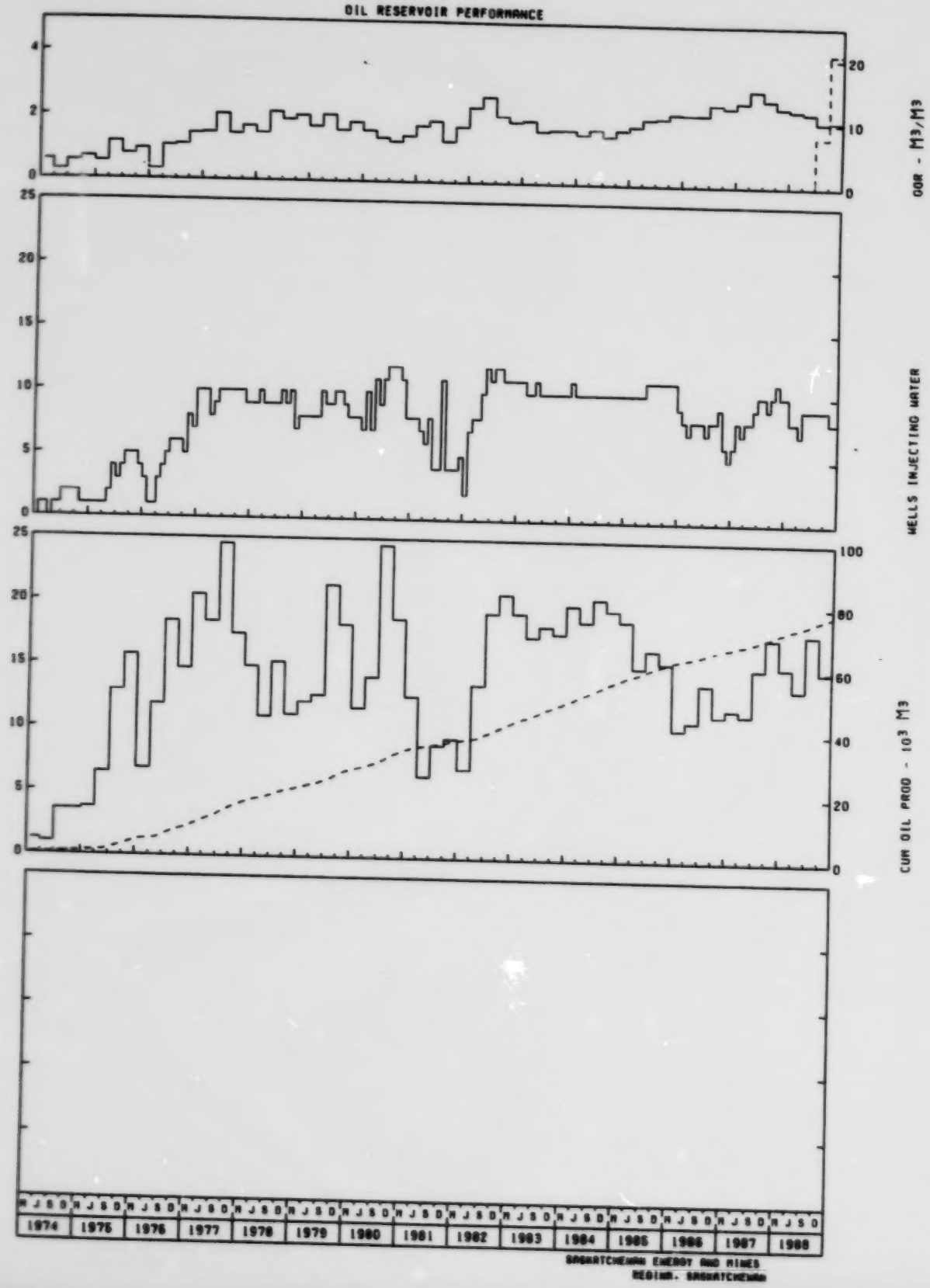


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FOREST BANK MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



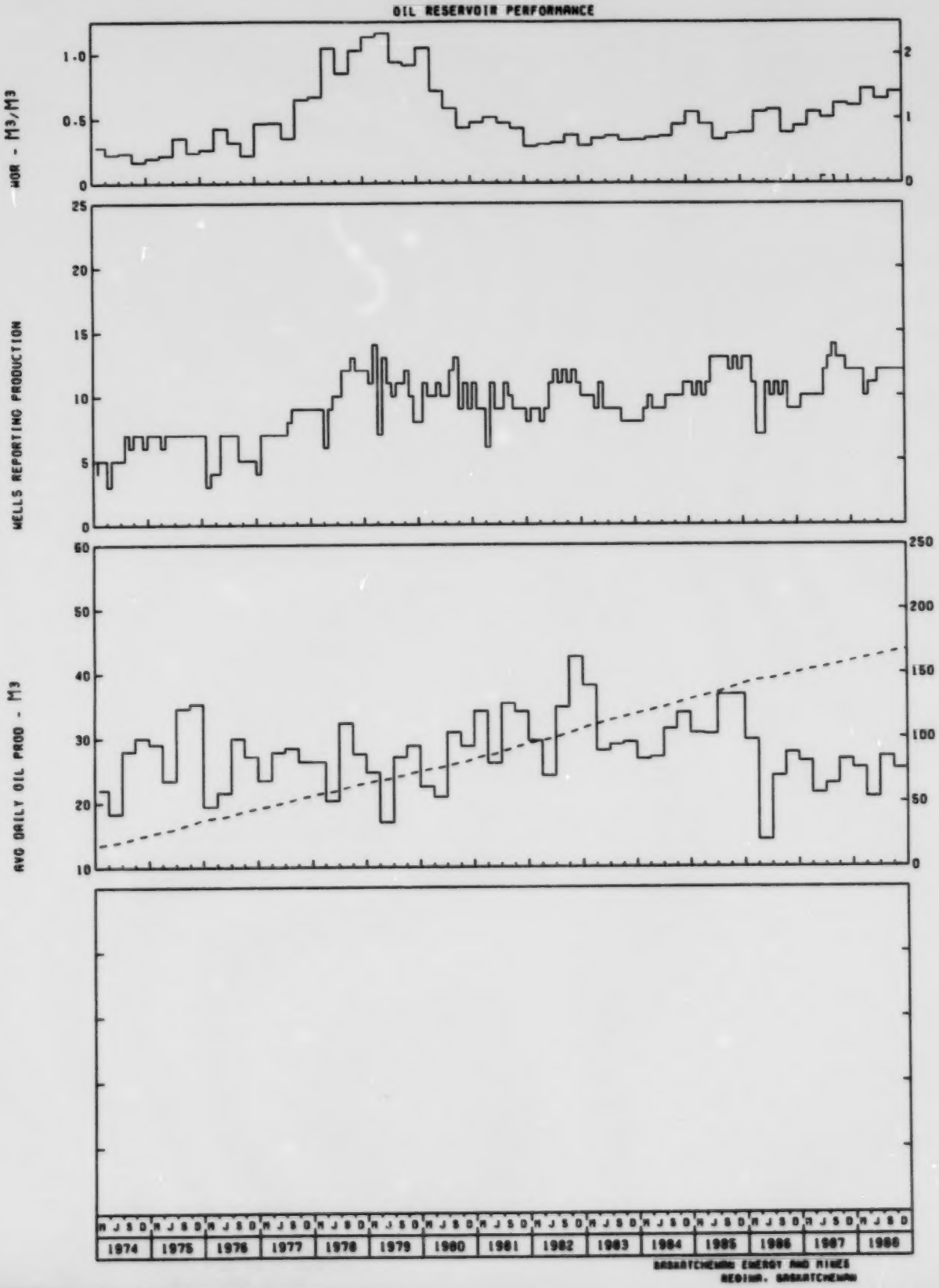
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FOREST BANK SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

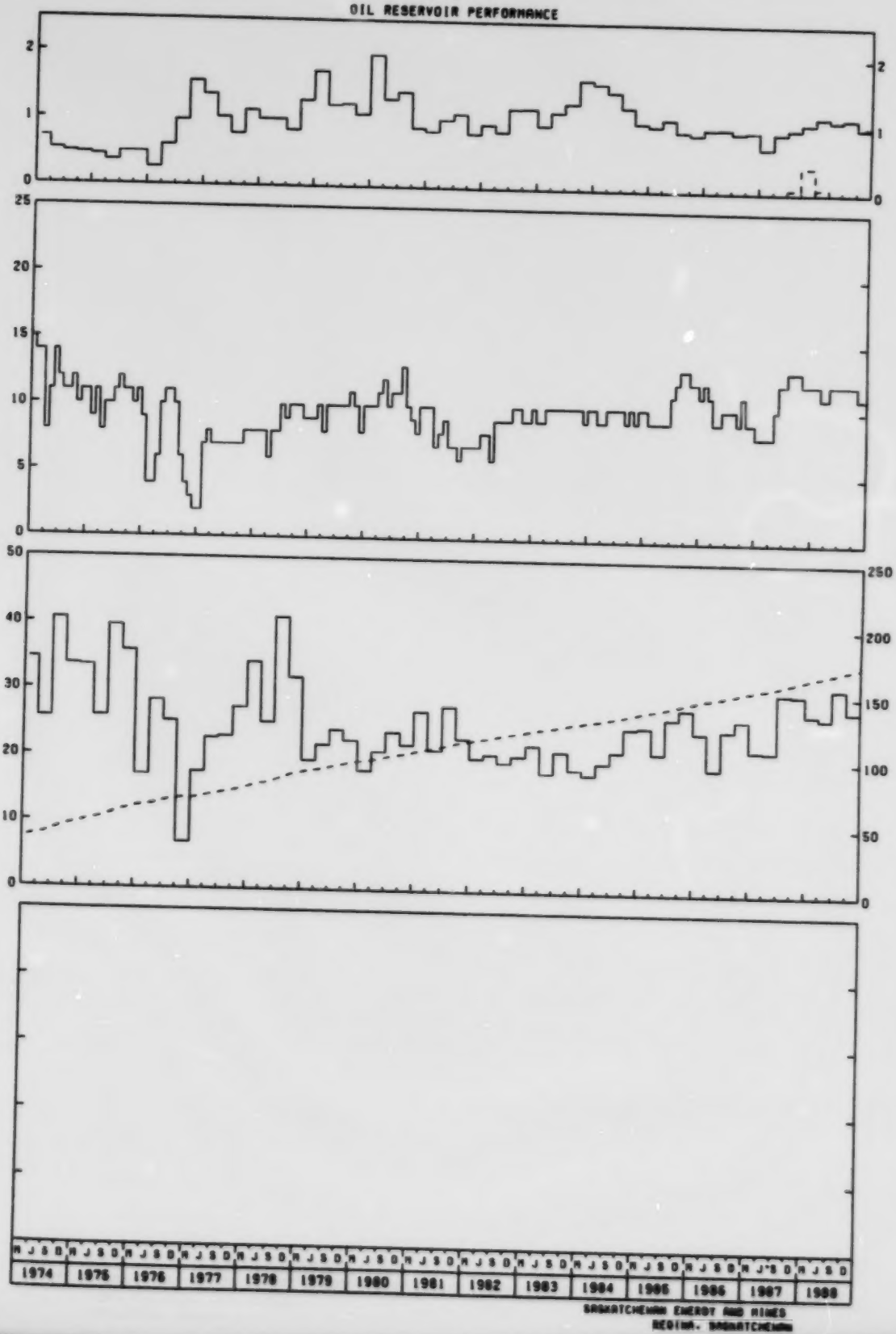


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

FOREST BANK WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

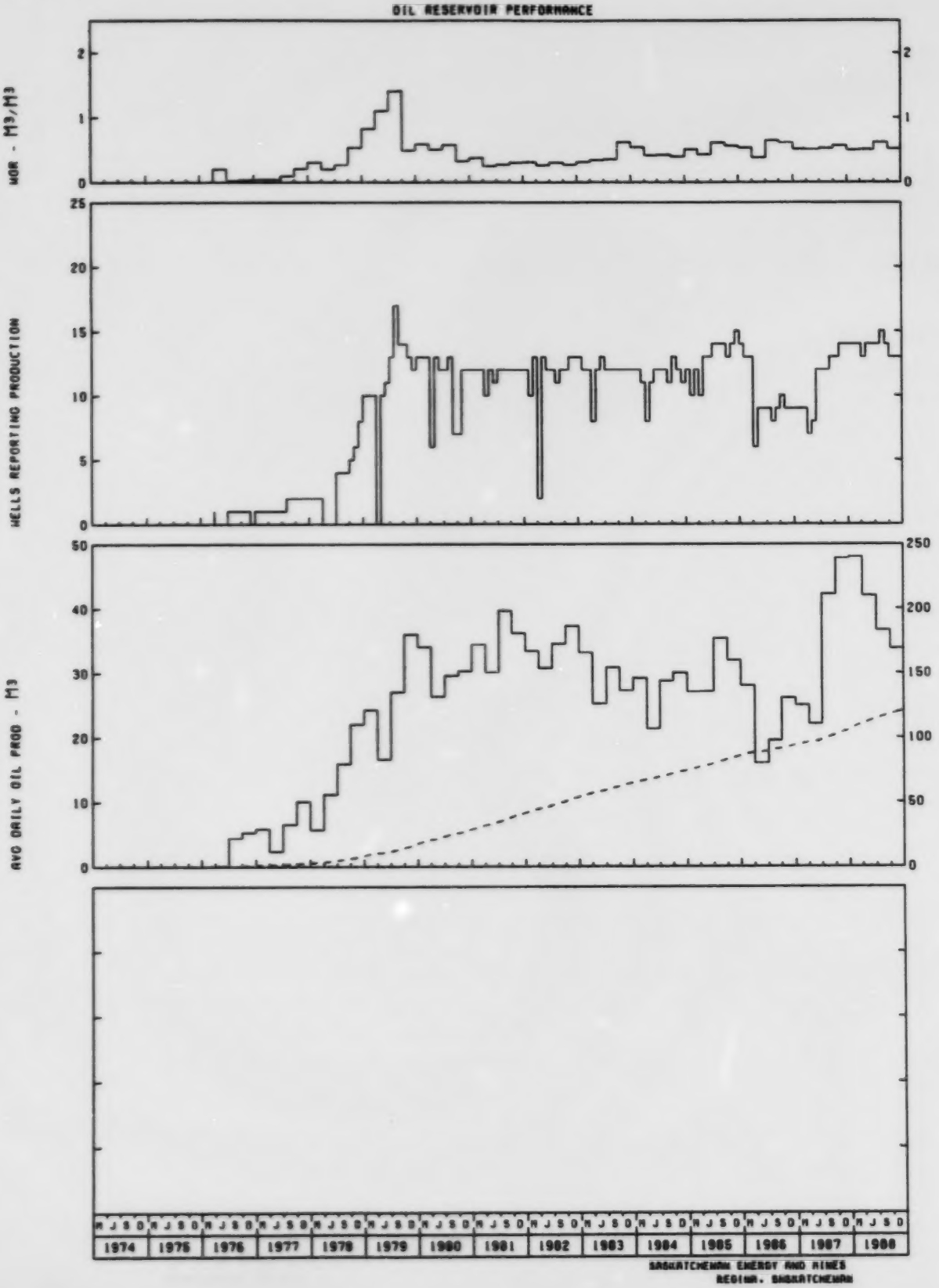


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FREEMONT SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



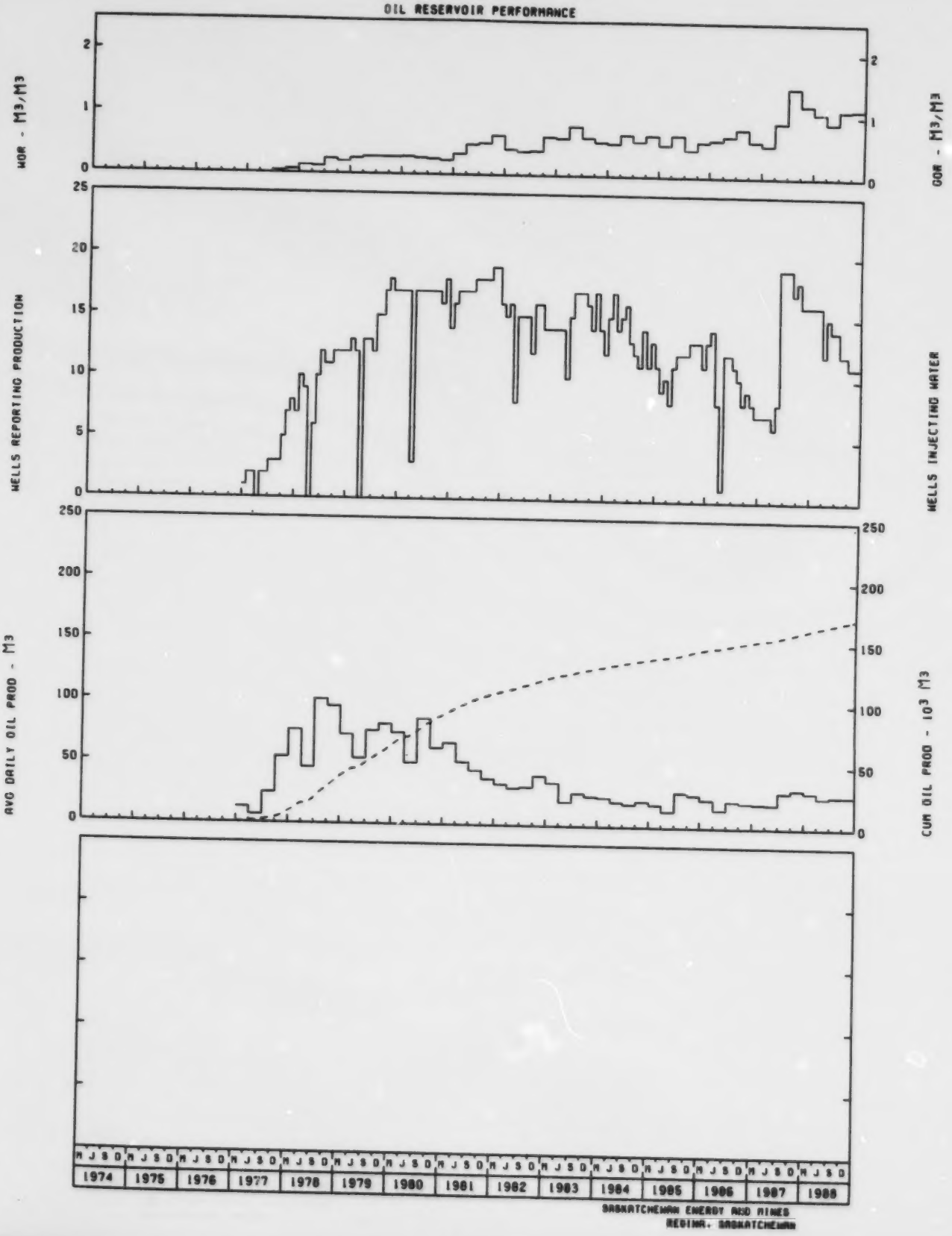
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FREEMONT WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



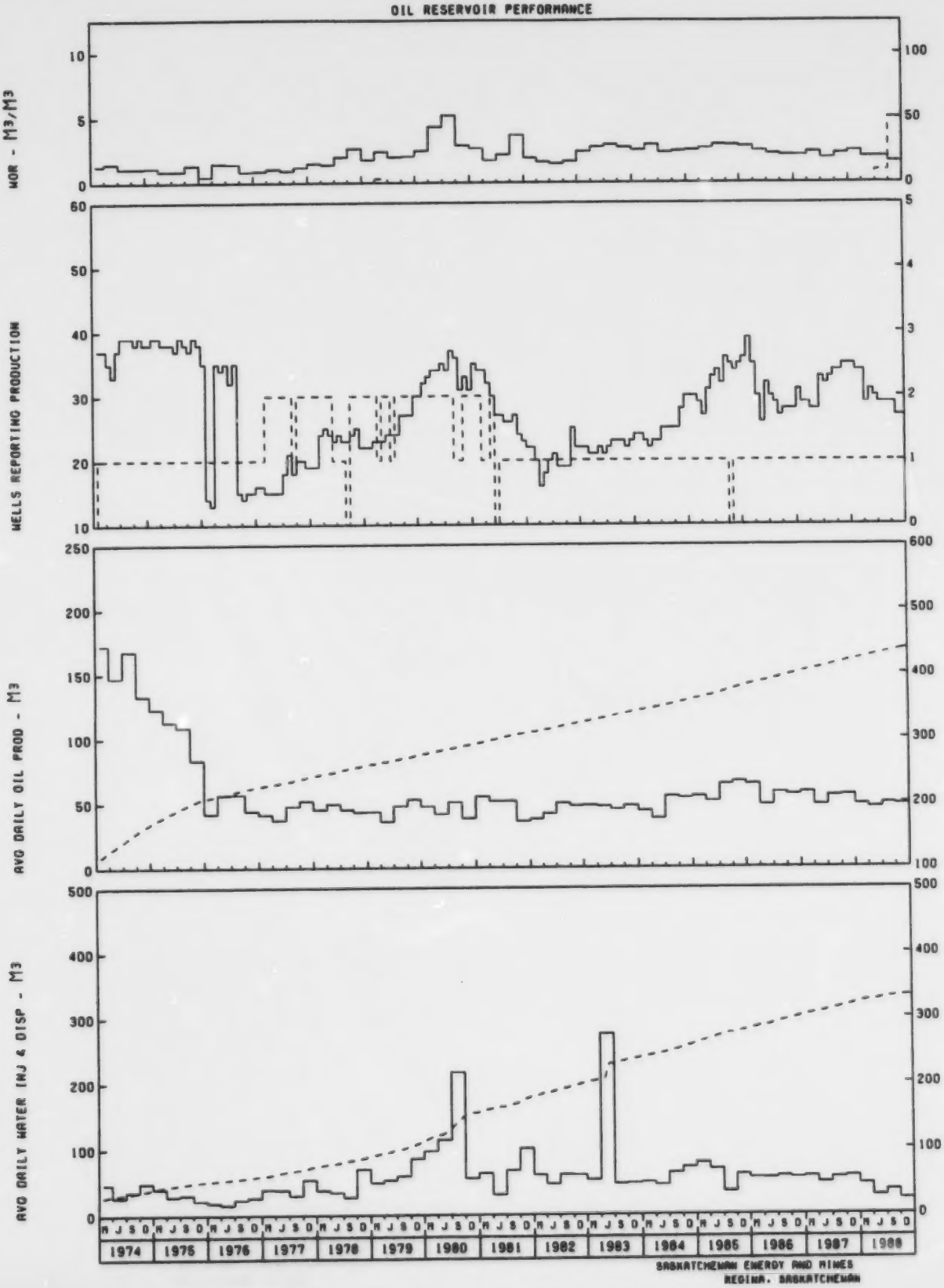
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FURNESS SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



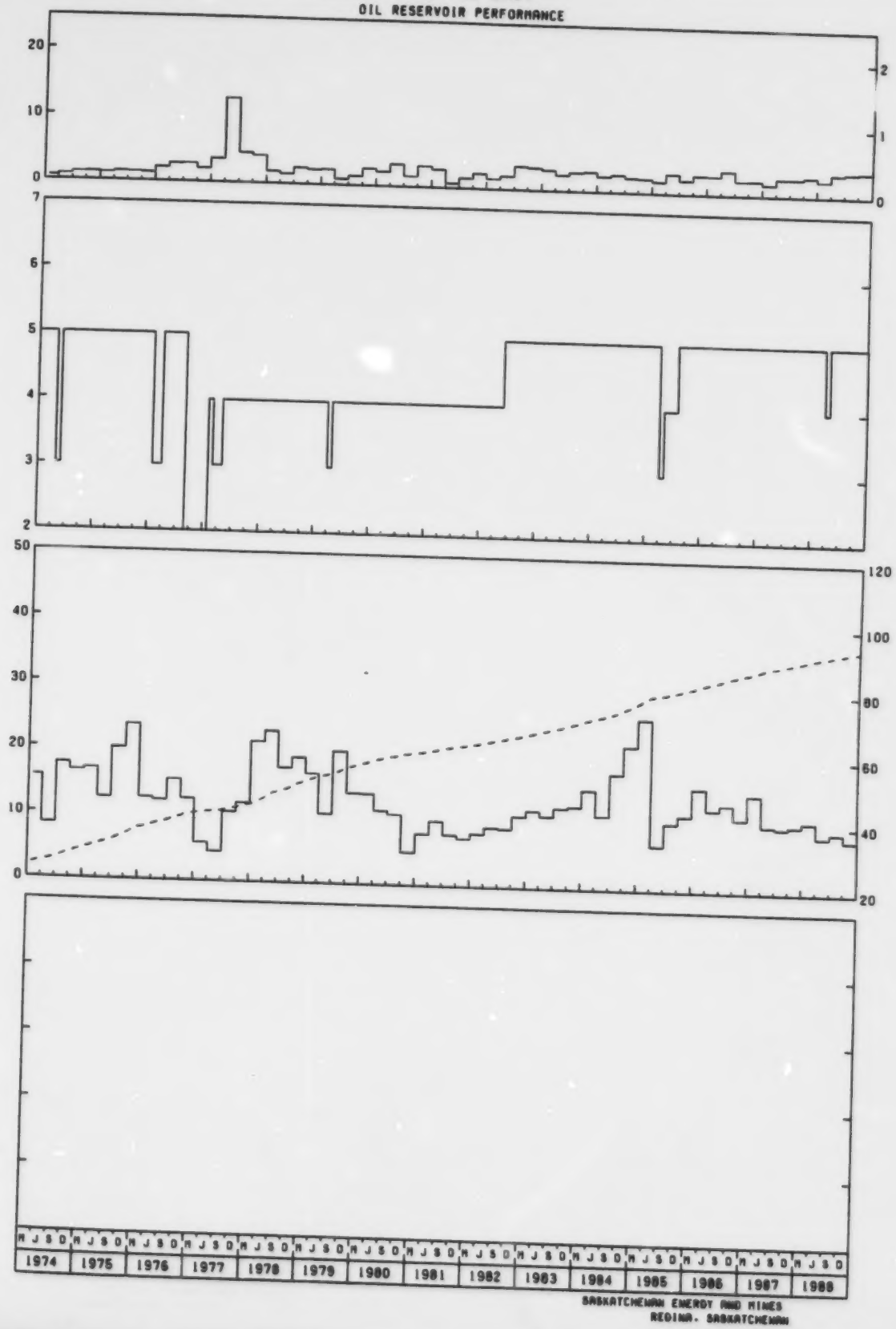
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

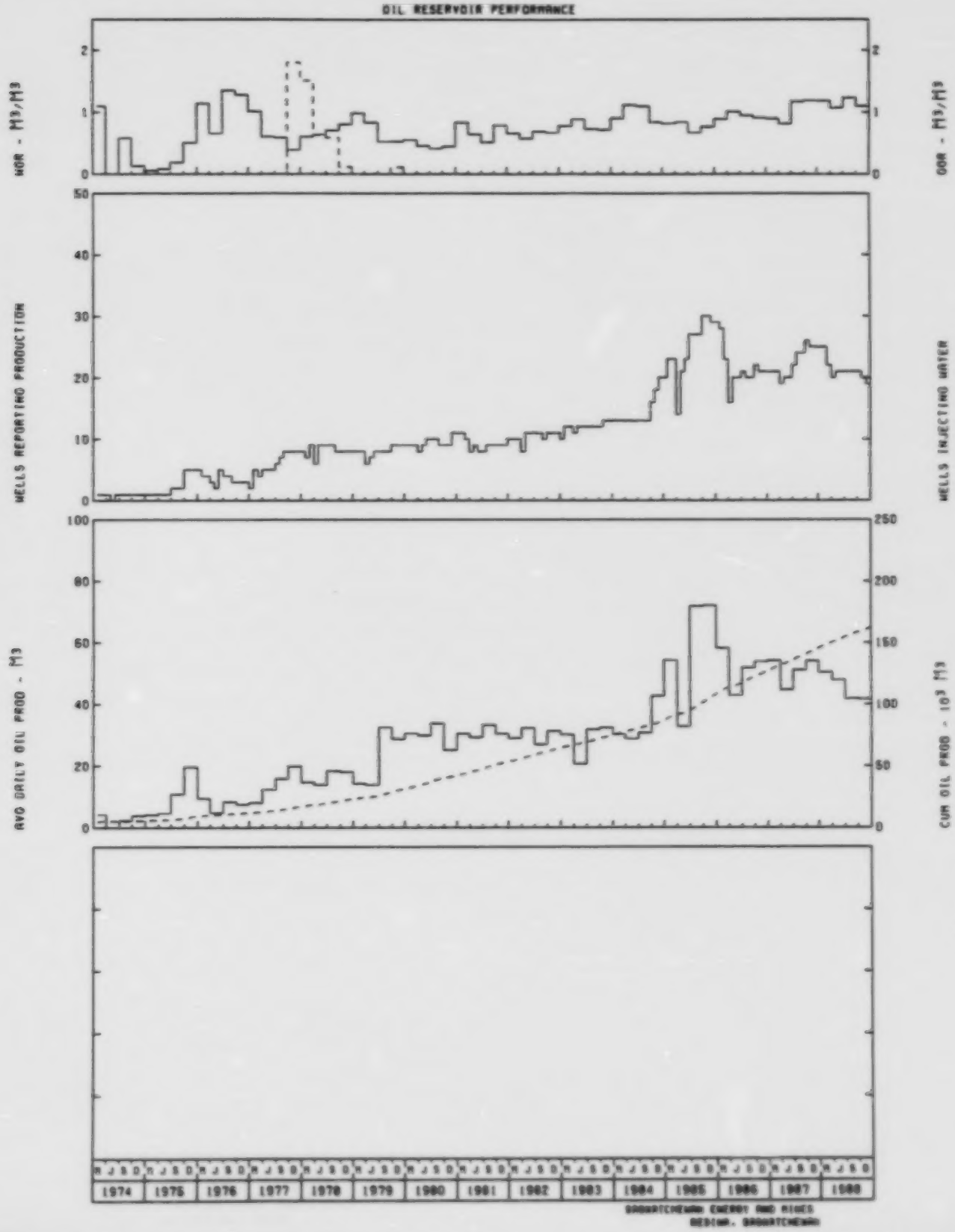
GOLDEN LAKE NORTH SPARKY SAND PL

GOLDEN LAKE VOL UNIT

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

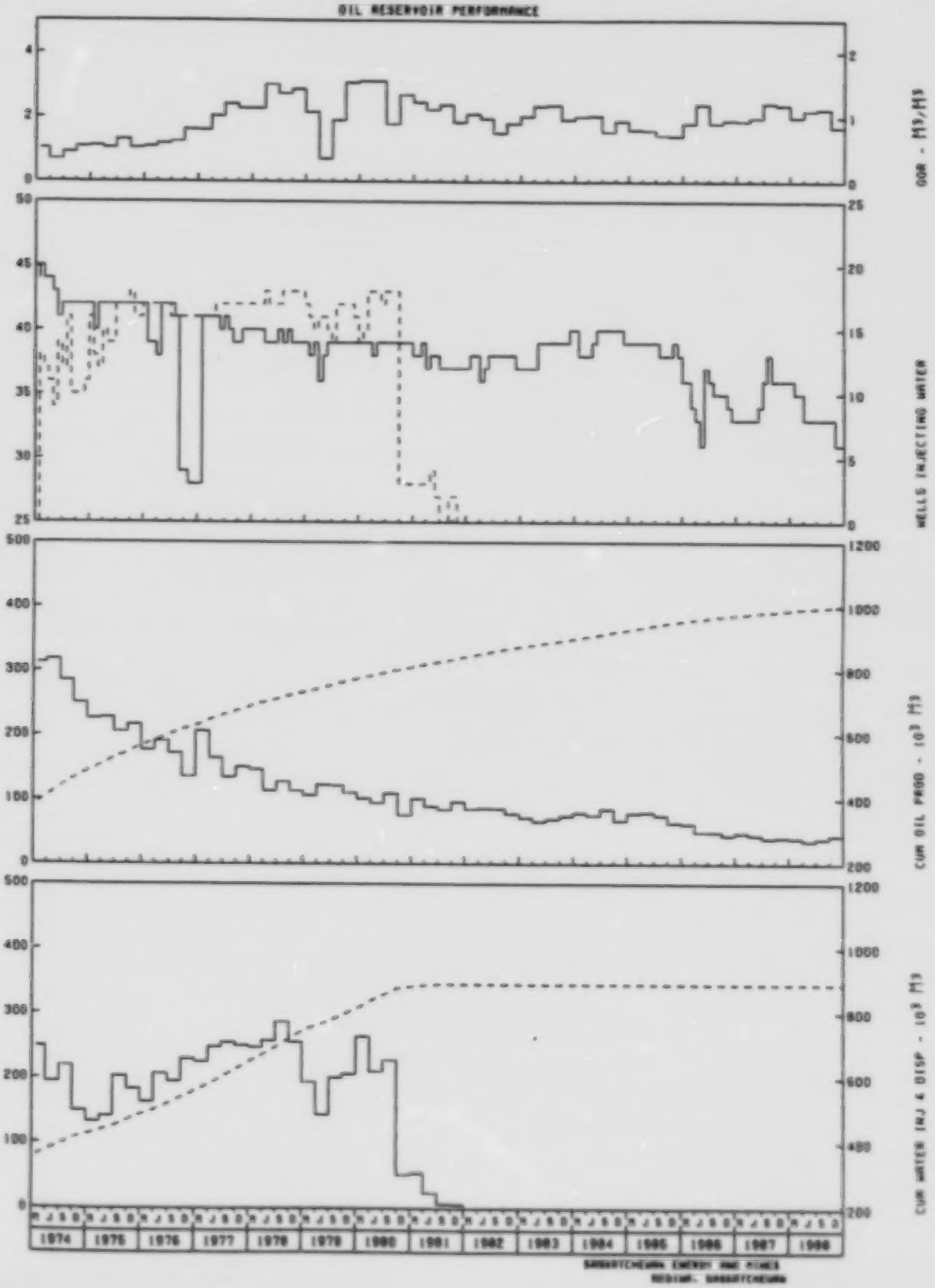

LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
GOLDEN LAKE NORTH SPARKY SAND PL
NON-UNITS
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
GOR - M3/M3
WELLS REPORTING PRODUCTION
WELLS INJECTING WATER
AVG DAILY OIL PROD - M3
CUM OIL PROD - 10³ M3
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LAKE NORTH WASECA SAND PL

GOLDEN LAKE VOL UNIT

OIL RESERVOIR PERFORMANCE



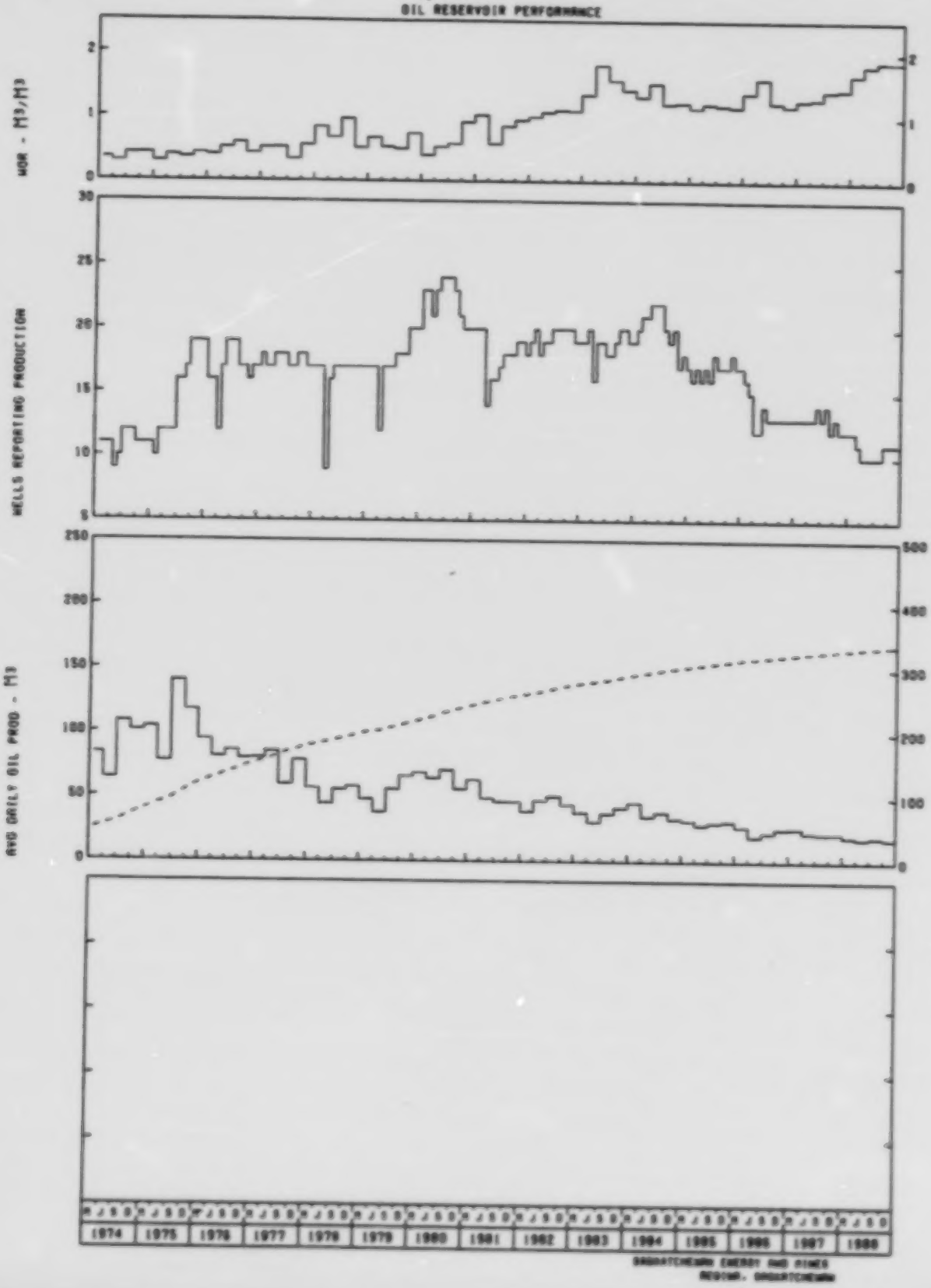
SASKATCHEWAN ENERGY AND MINES
REGIONAL SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LAKE NORTH WASECA SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



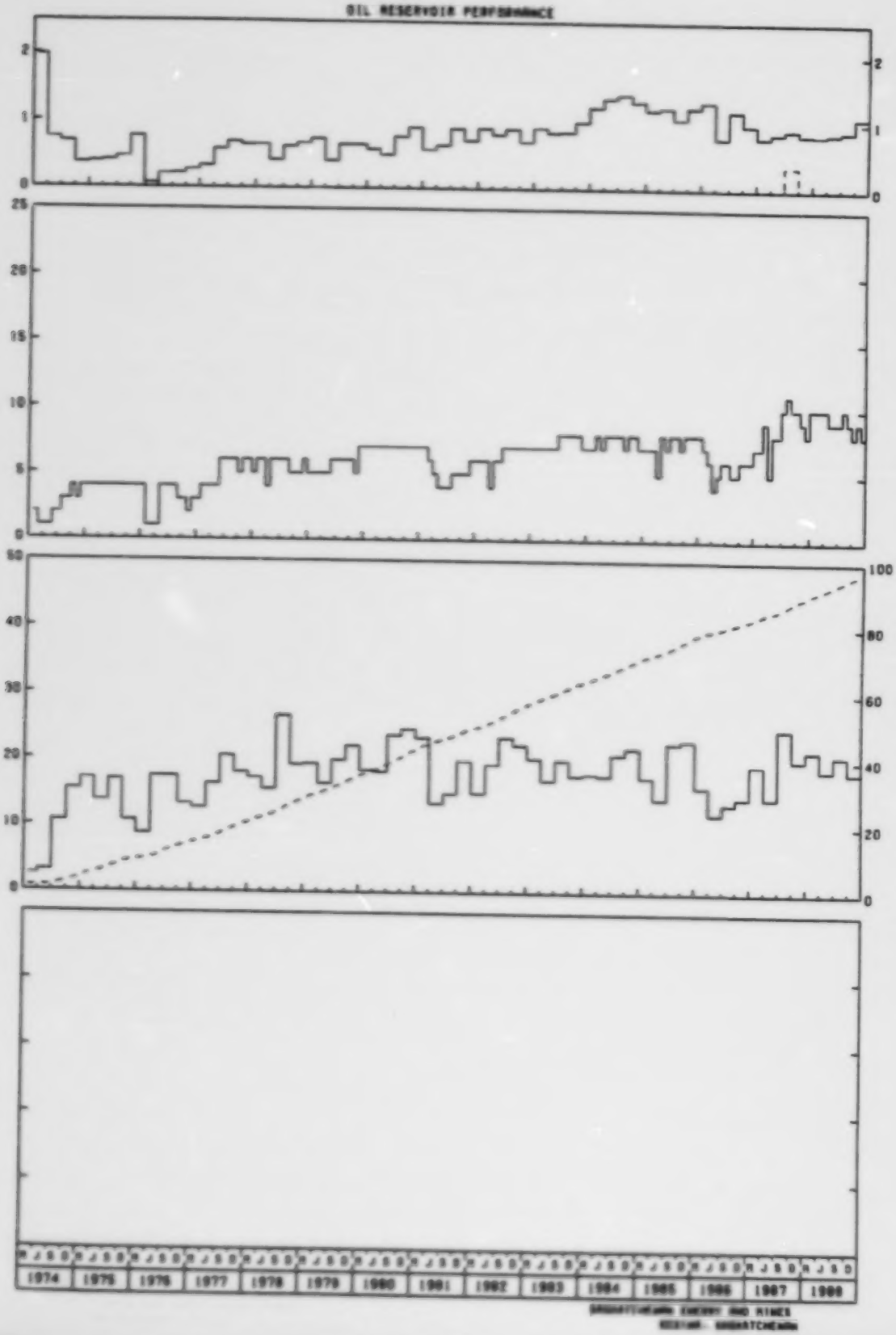
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LAKE S MANNVILLE SANDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

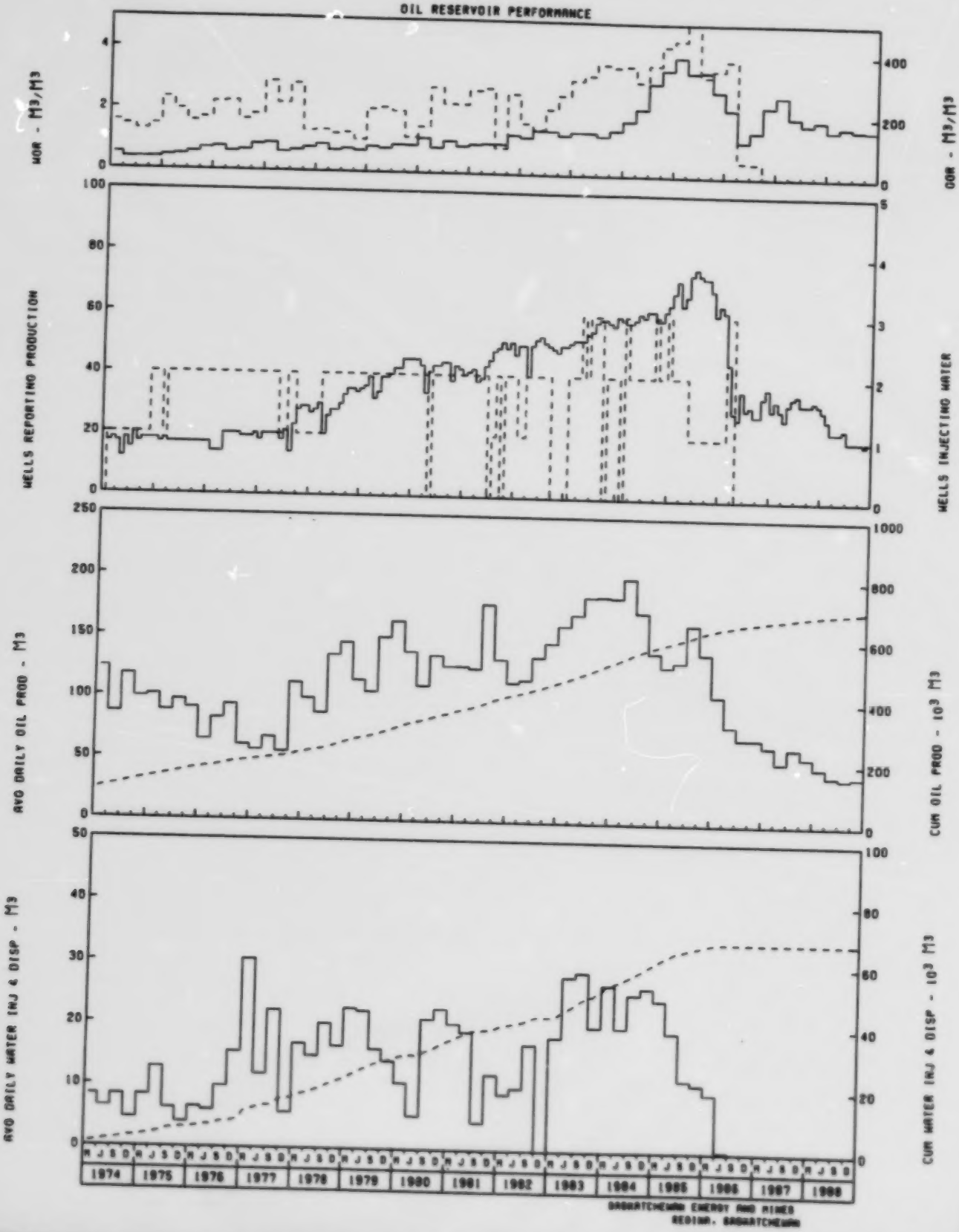


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LAKE SOUTH SPARKY SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



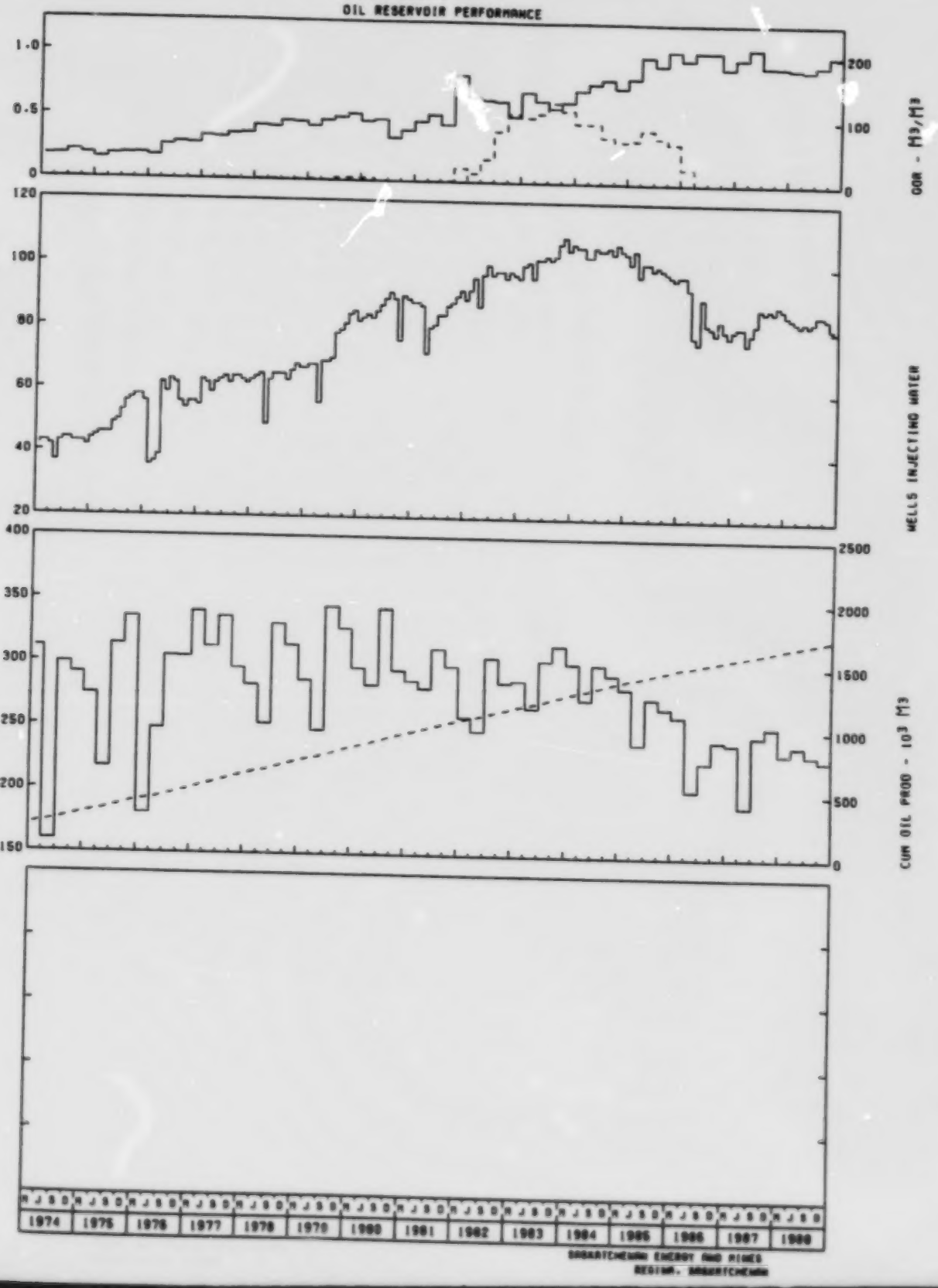
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LAKE SOUTH WASECA SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



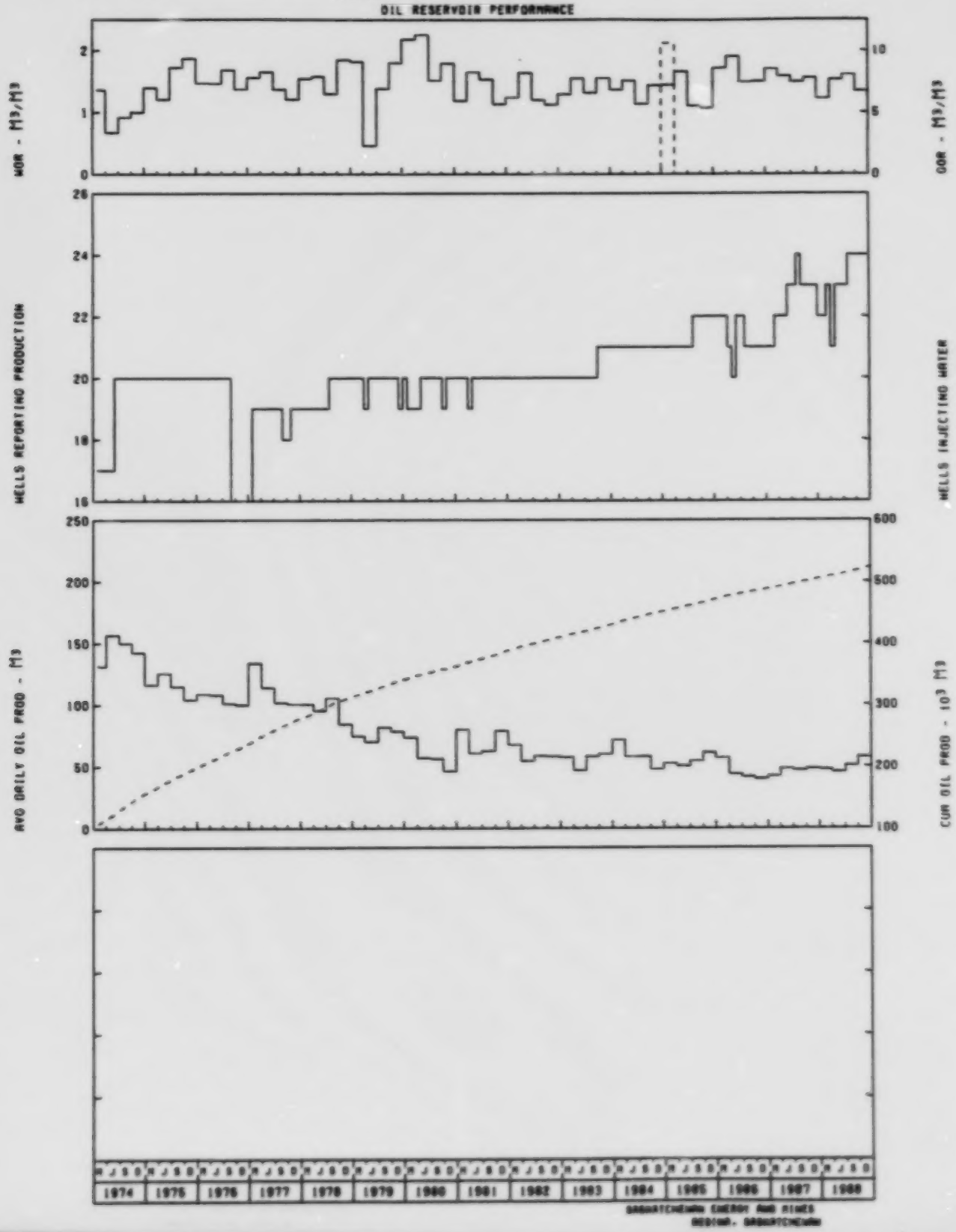
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LK N MANNVILLE SANDS POOL

GOLDEN LAKE VOL UNIT

OIL RESERVOIR PERFORMANCE

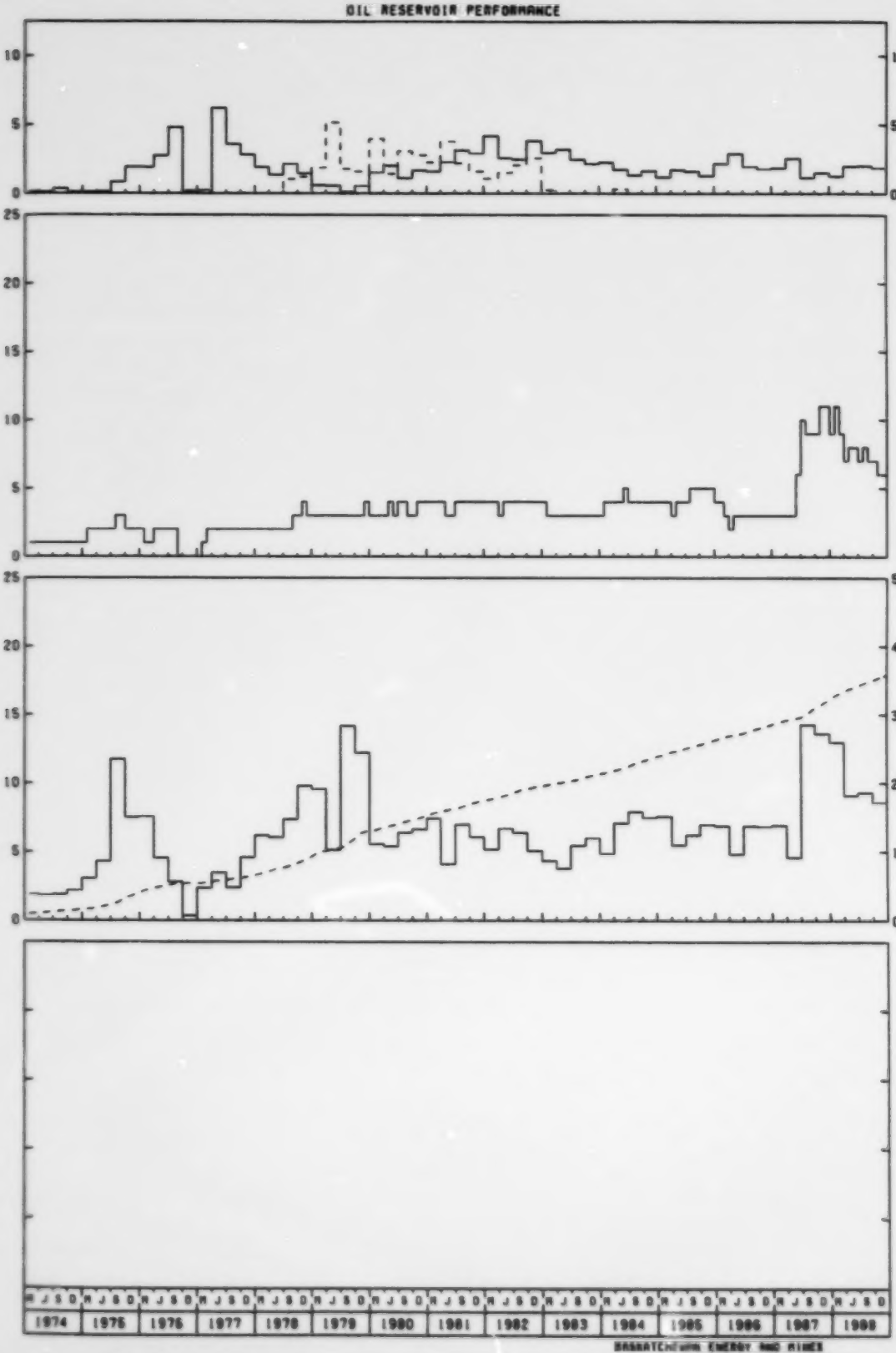


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GOLDEN LK N MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



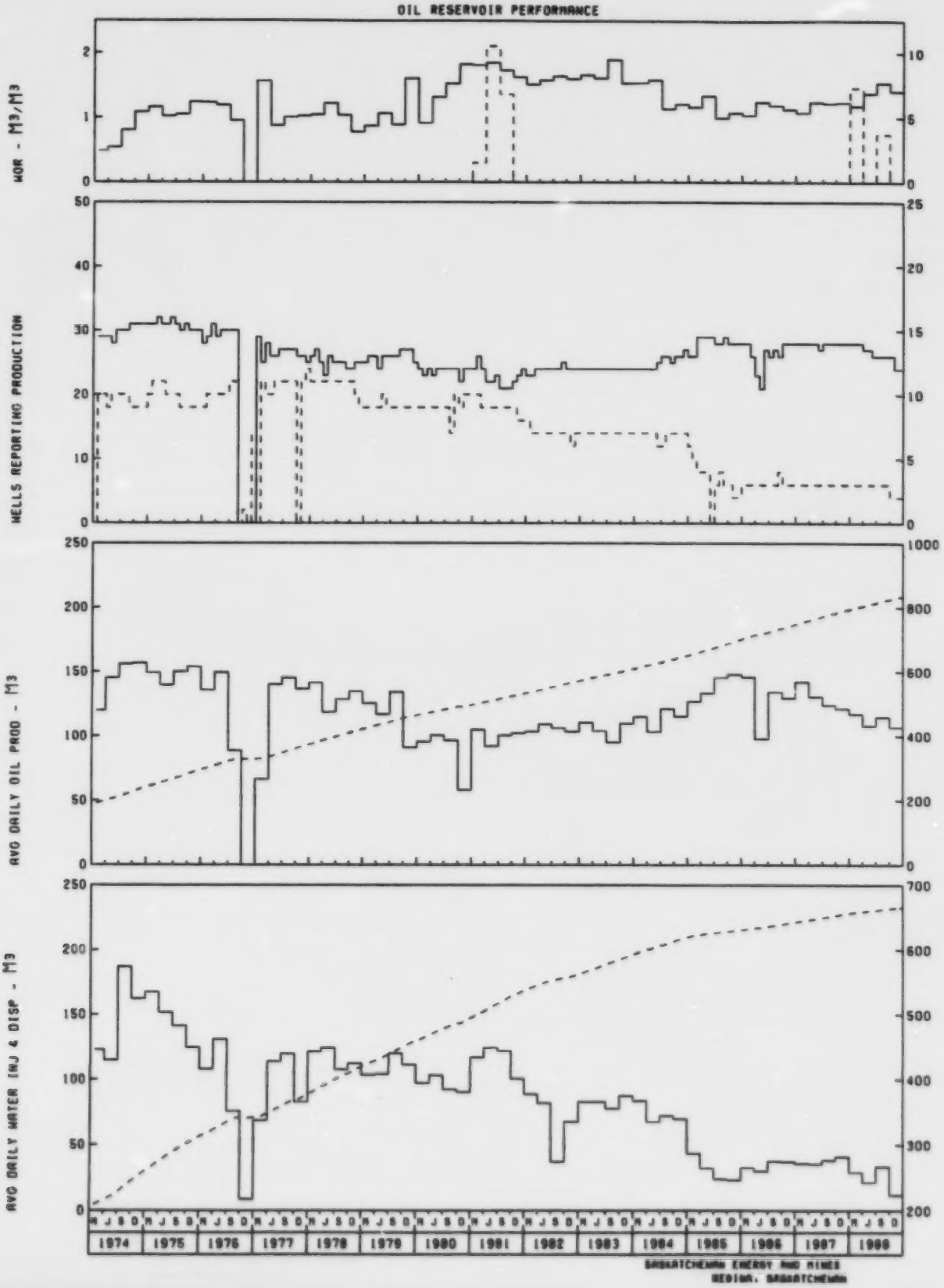
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULLY LAKE WASECA SAND POOL

GULLY LAKE WASECA VOL UNIT 1

OIL RESERVOIR PERFORMANCE



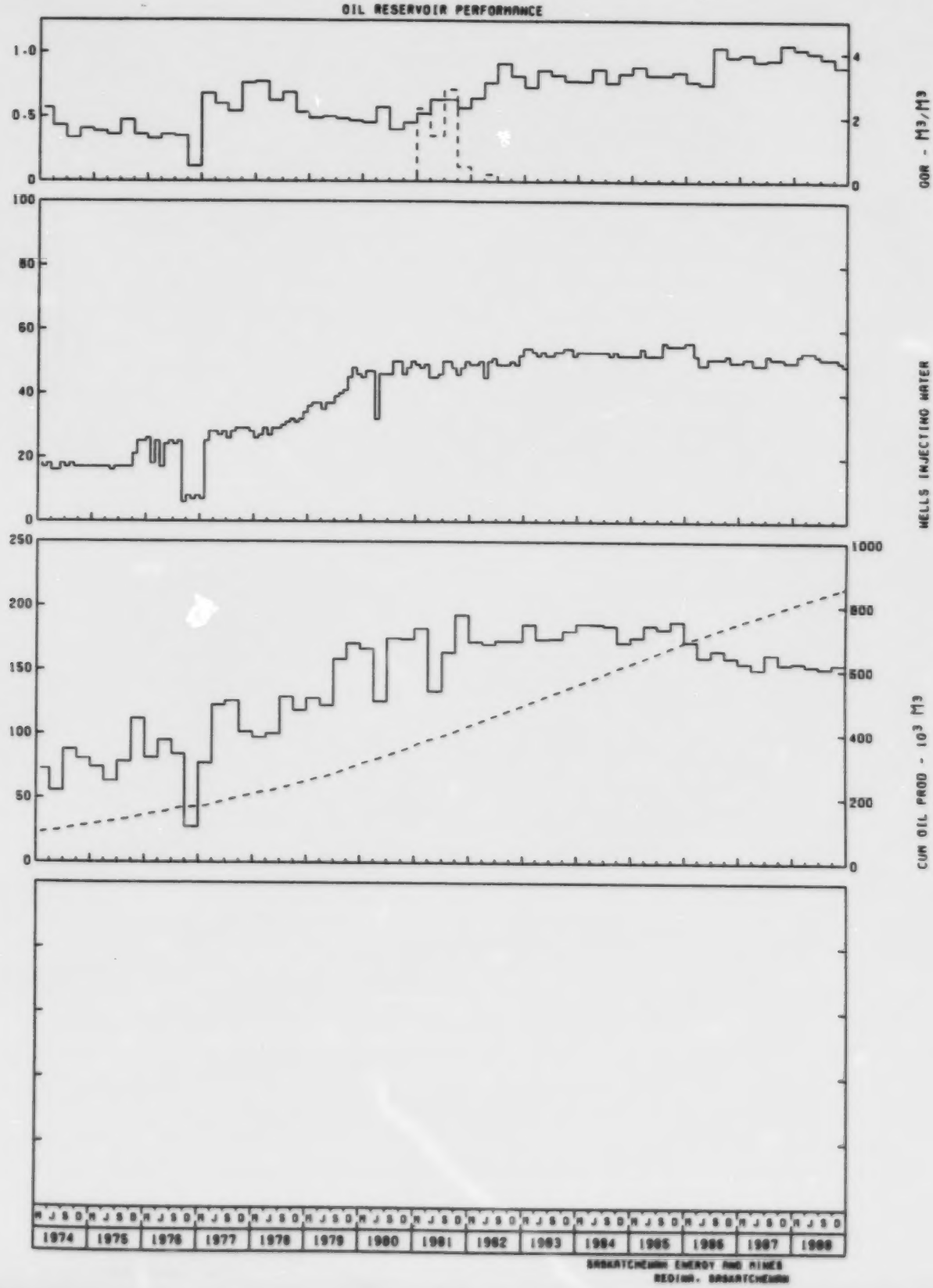
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULLY LAKE WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



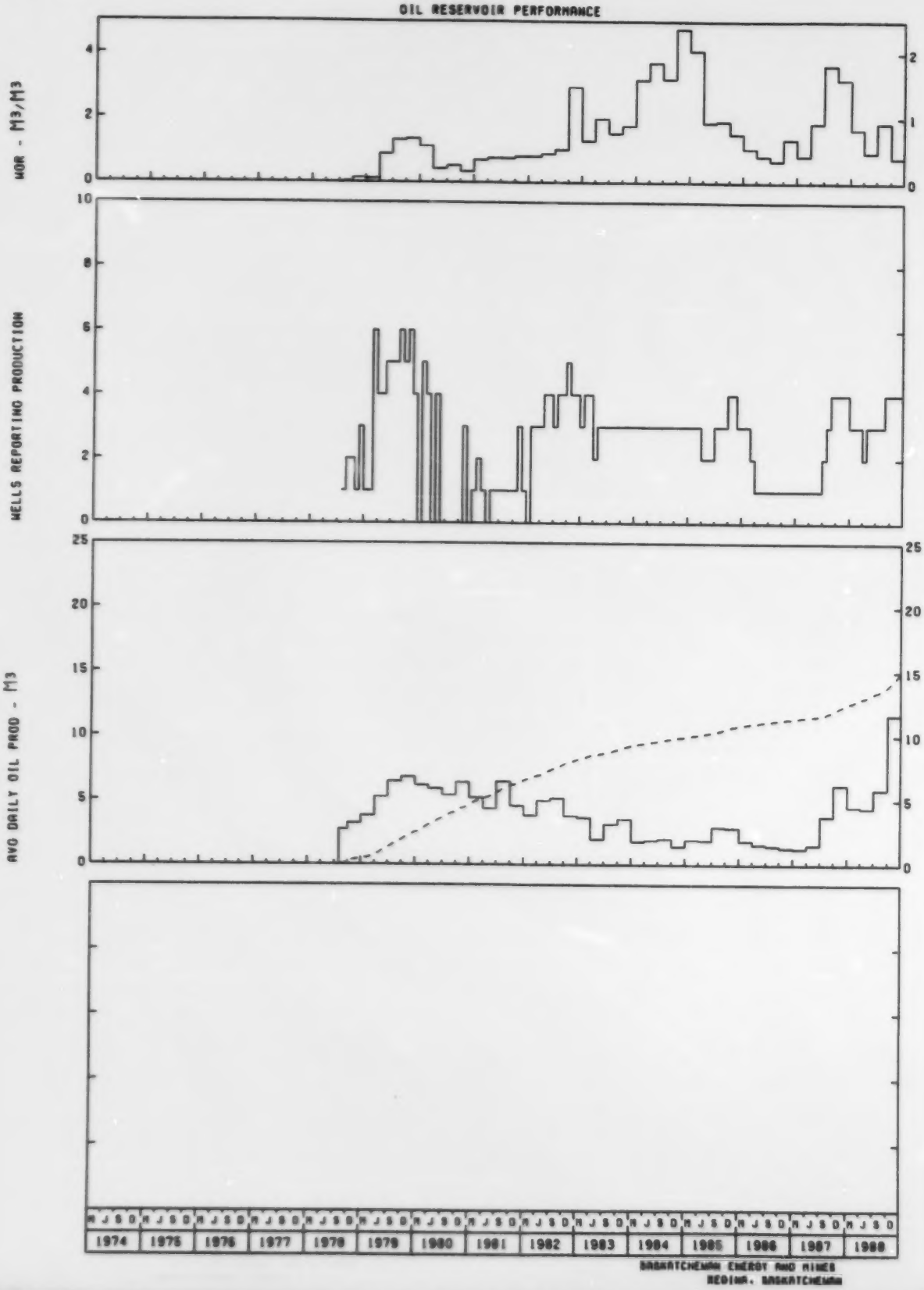
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HILLMOND SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



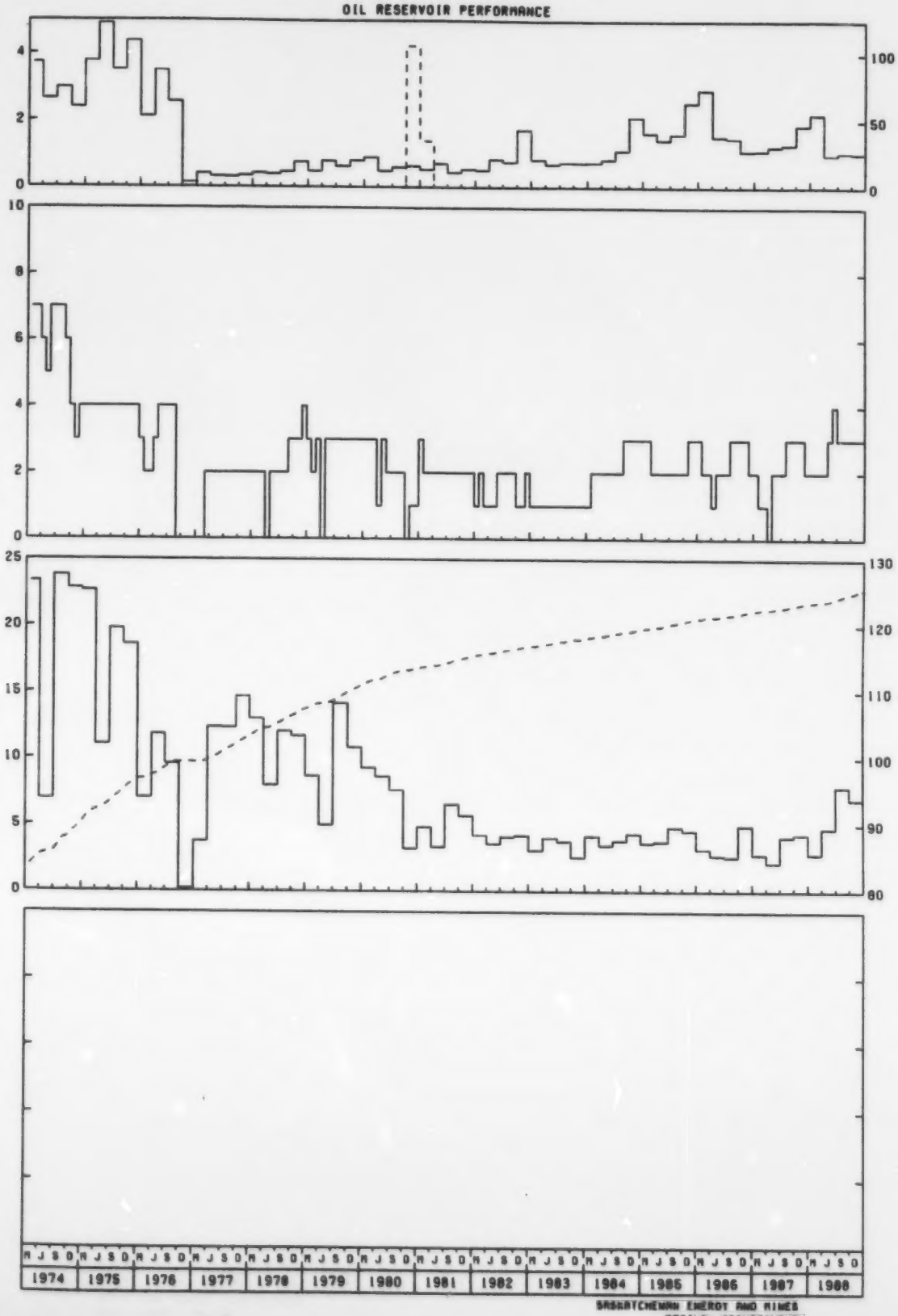
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LANDROSE MCLAREN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



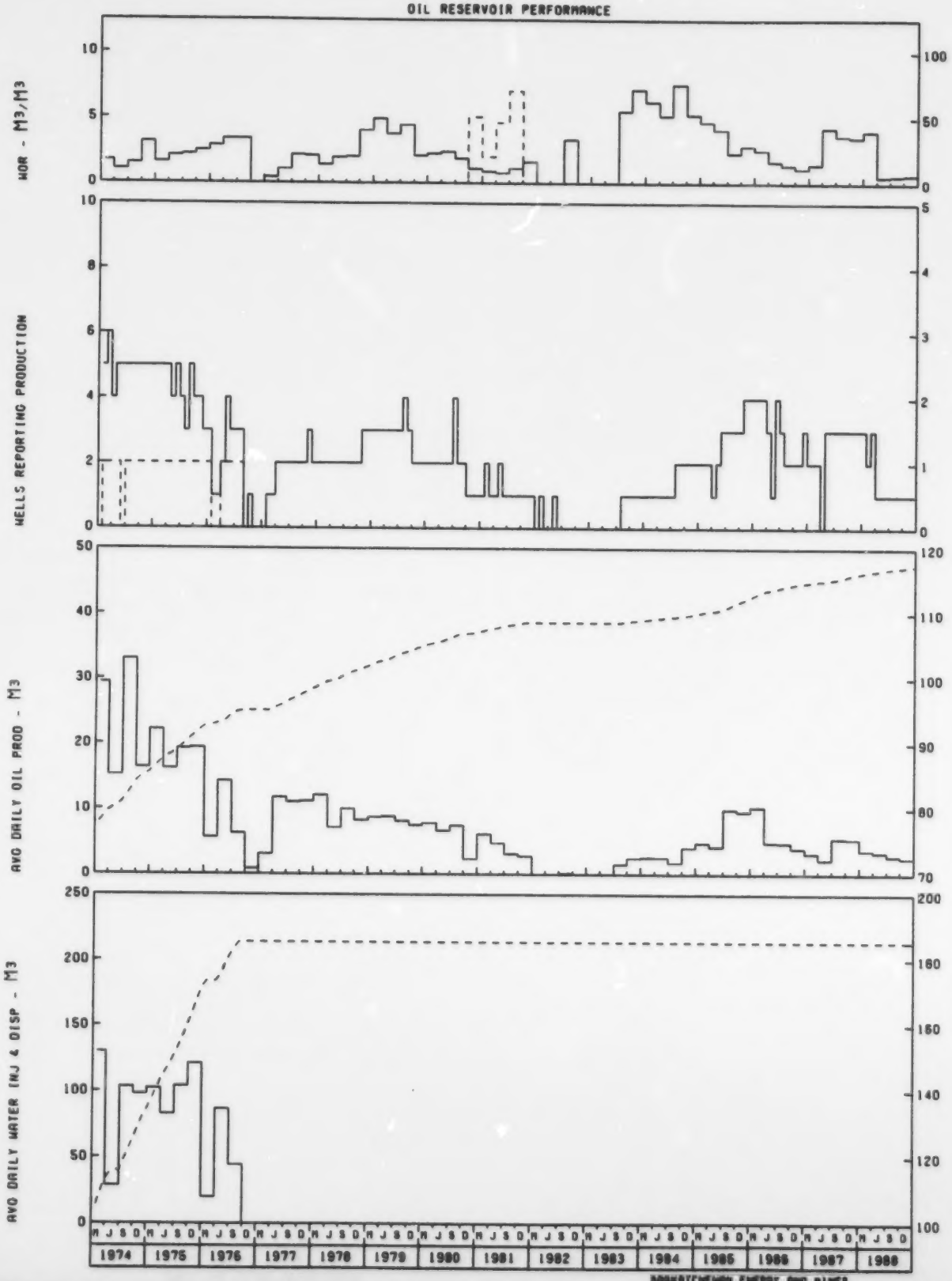
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LANDROSE WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



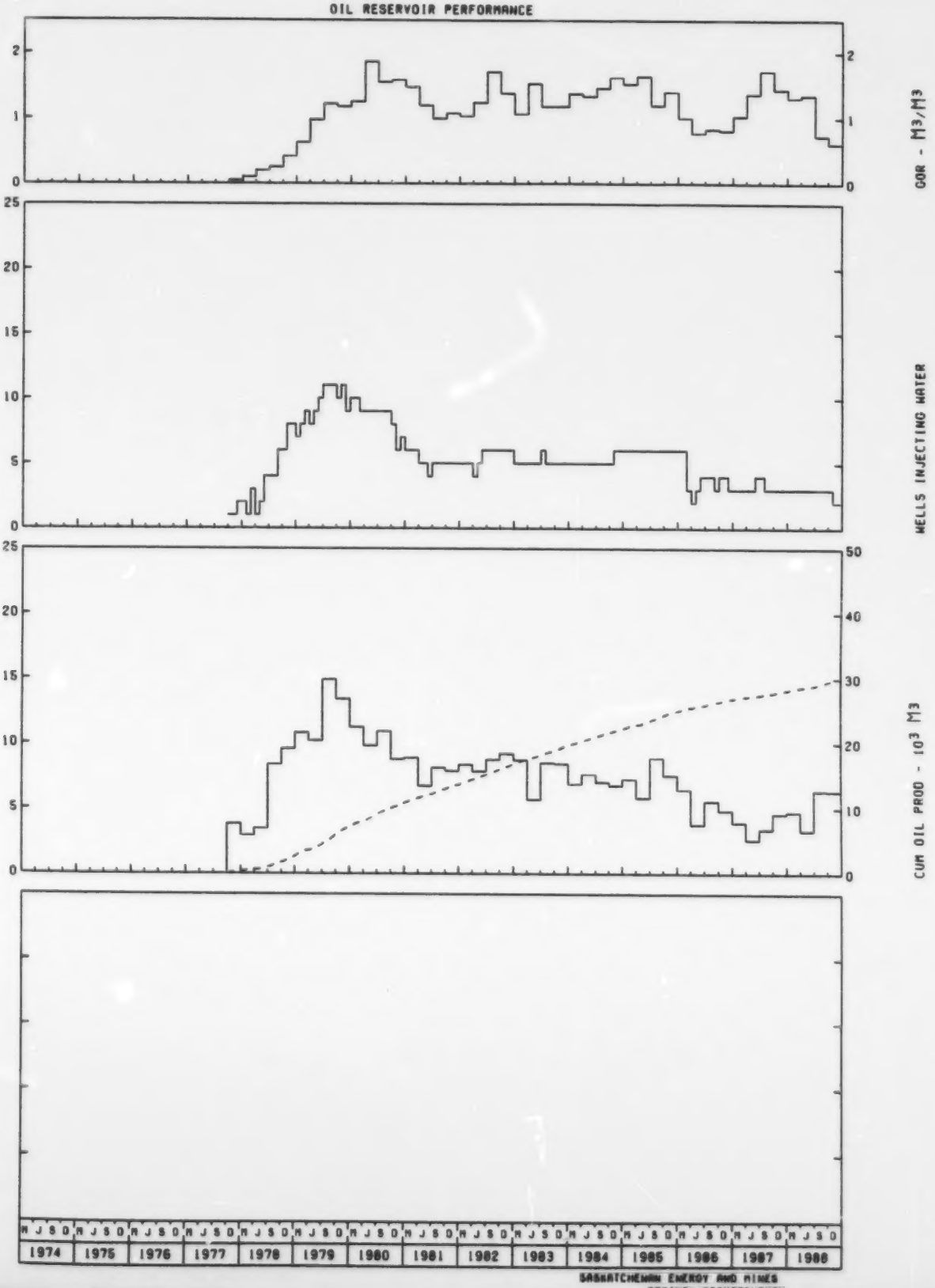
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LASHBURN SOUTH SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



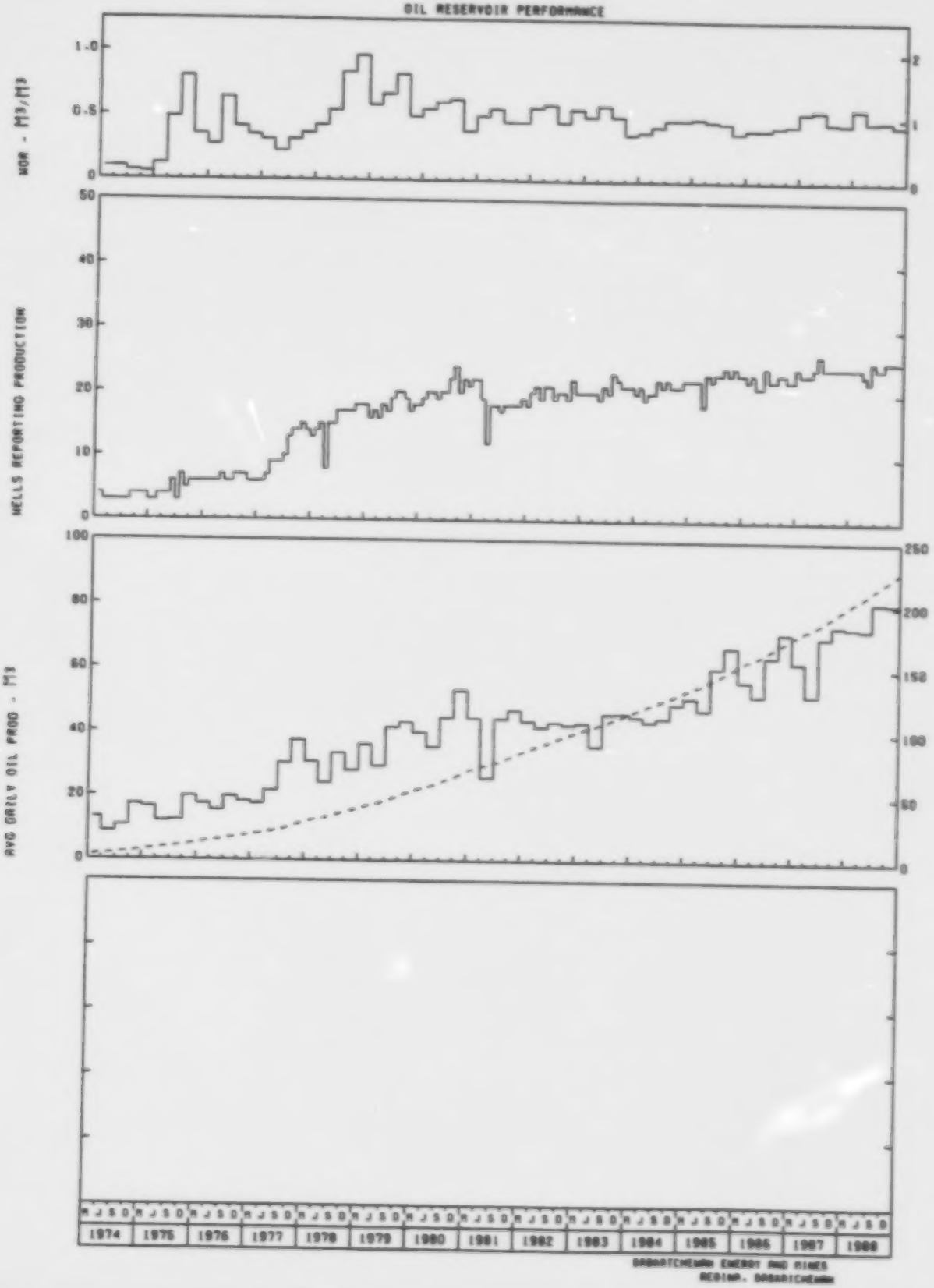
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LASHBURN SOUTH WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



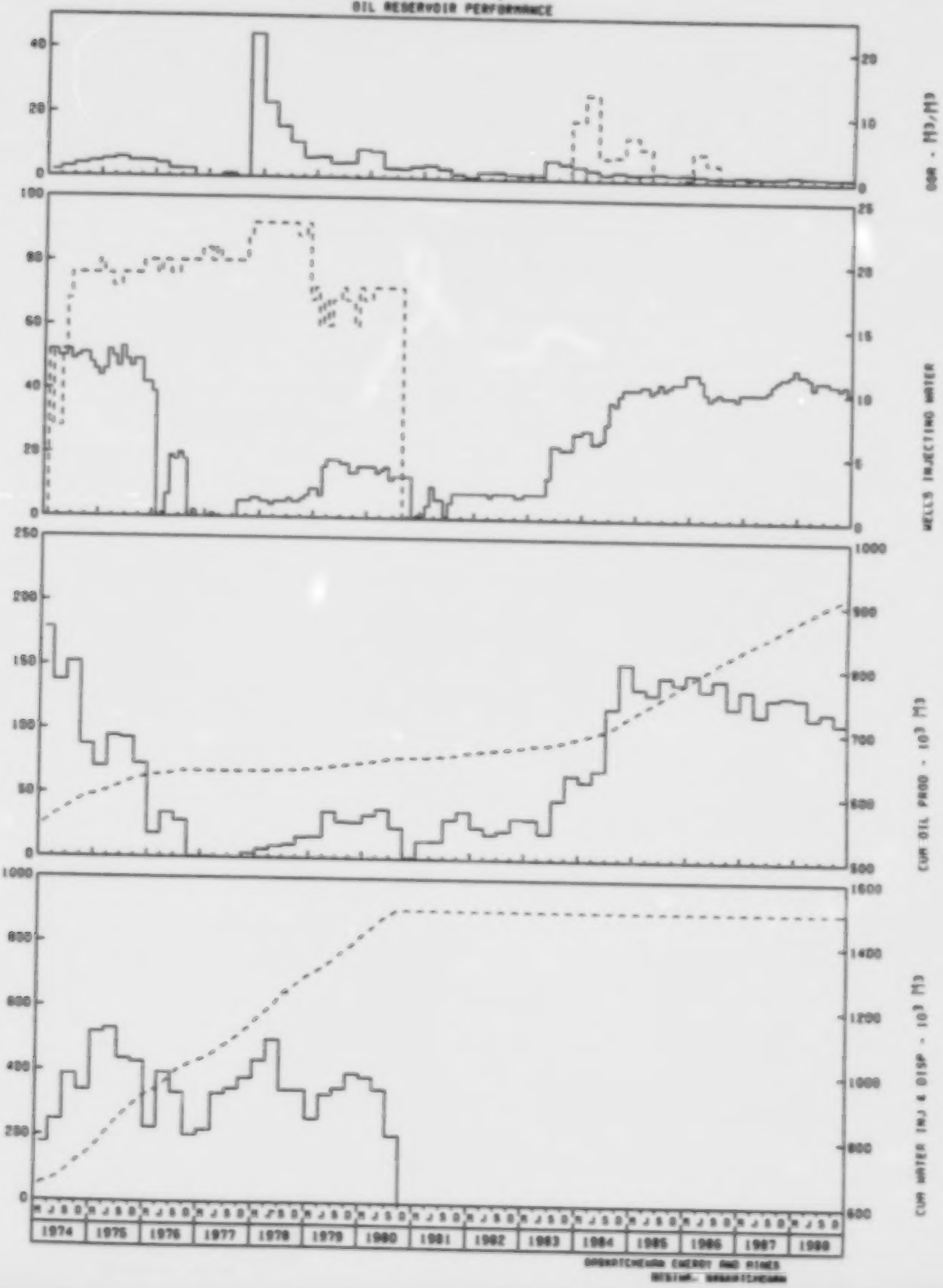
ORDOVICIAN ENERGY AND MINES
REGINA, ORDOVICIAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LASHBURN WASECA SAND POOL

LASHBURN WASECA VOL UNIT

OIL RESERVOIR PERFORMANCE

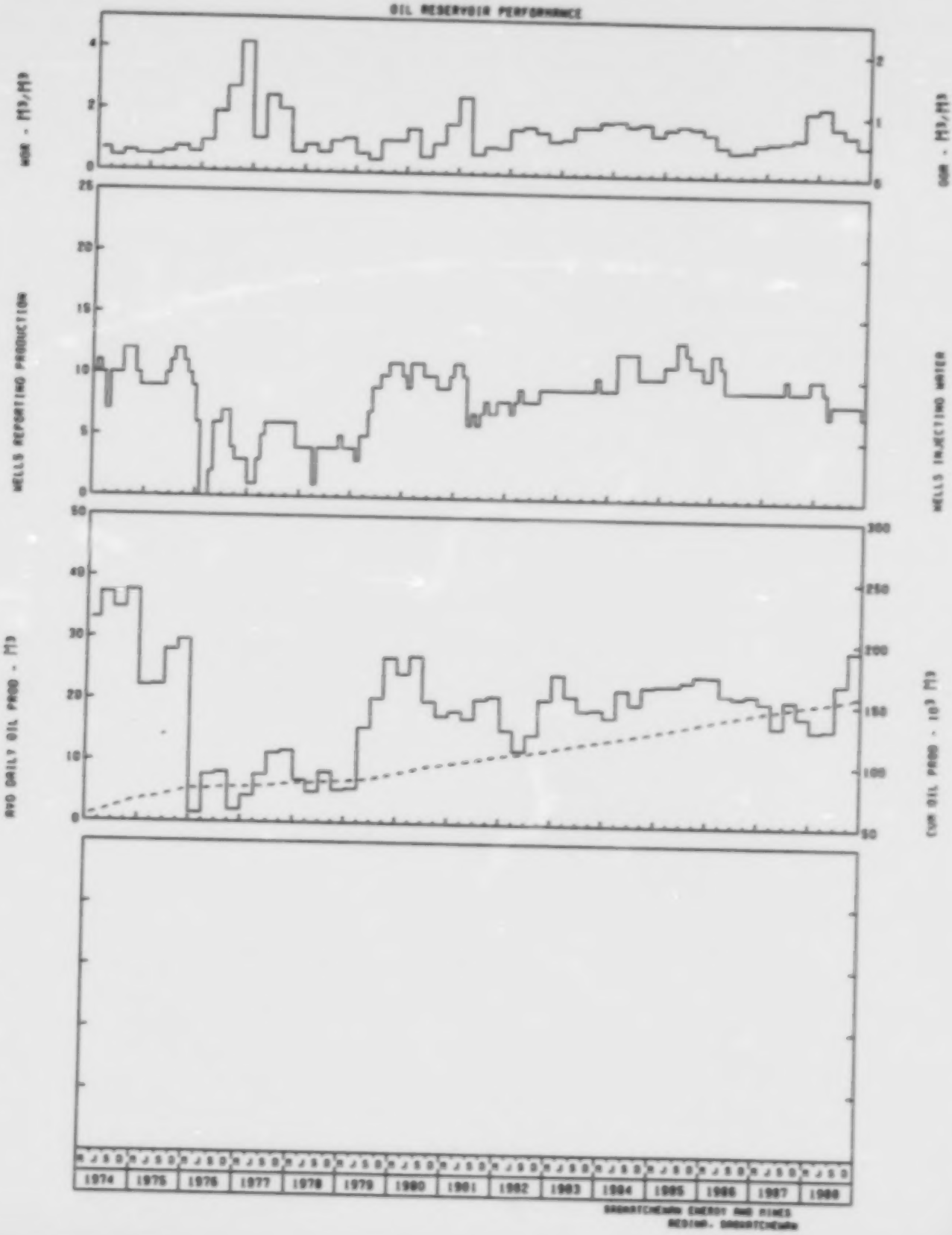


LASHBURN WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

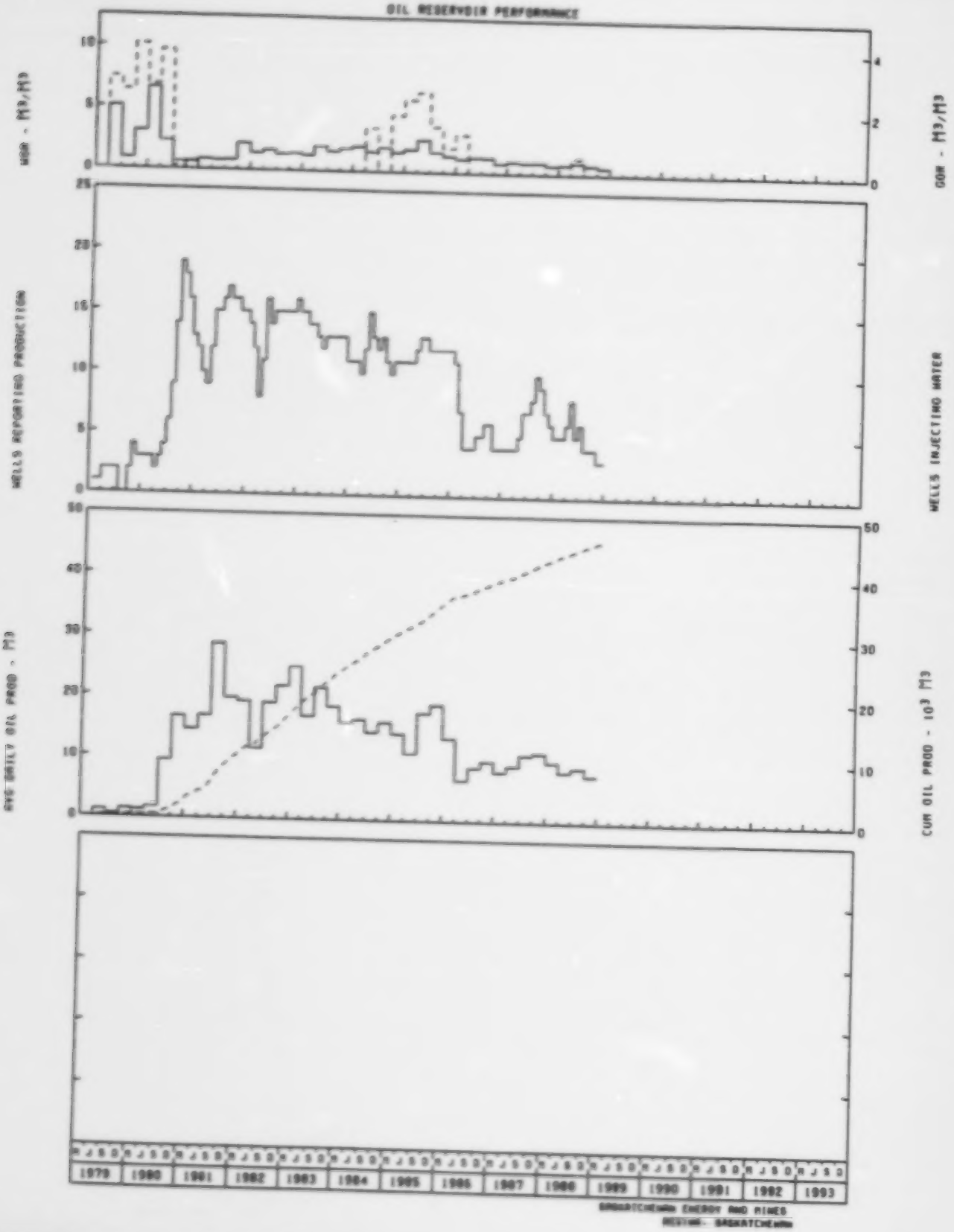


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LASHBURN WEST SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



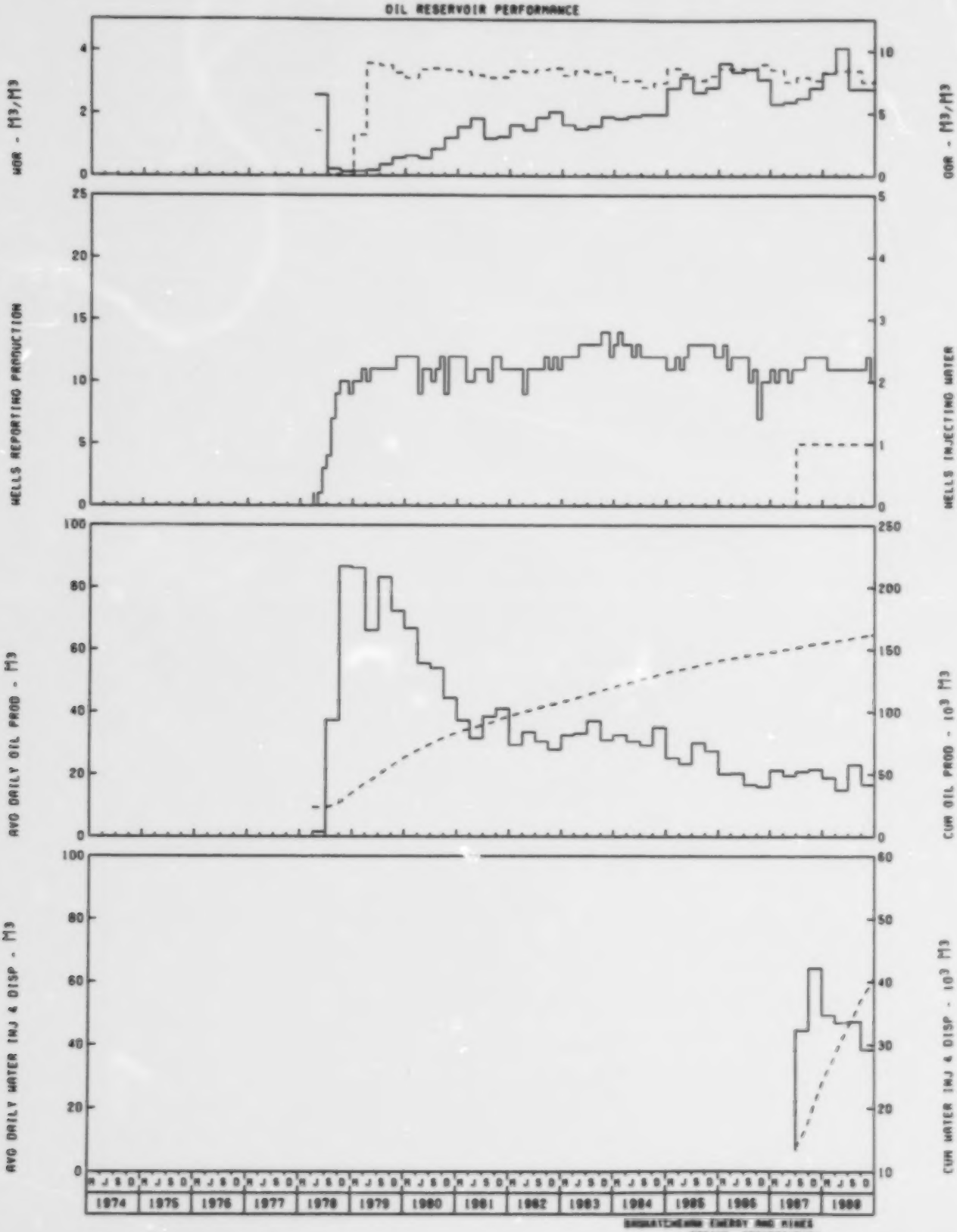
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LLOYDMINSTER SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



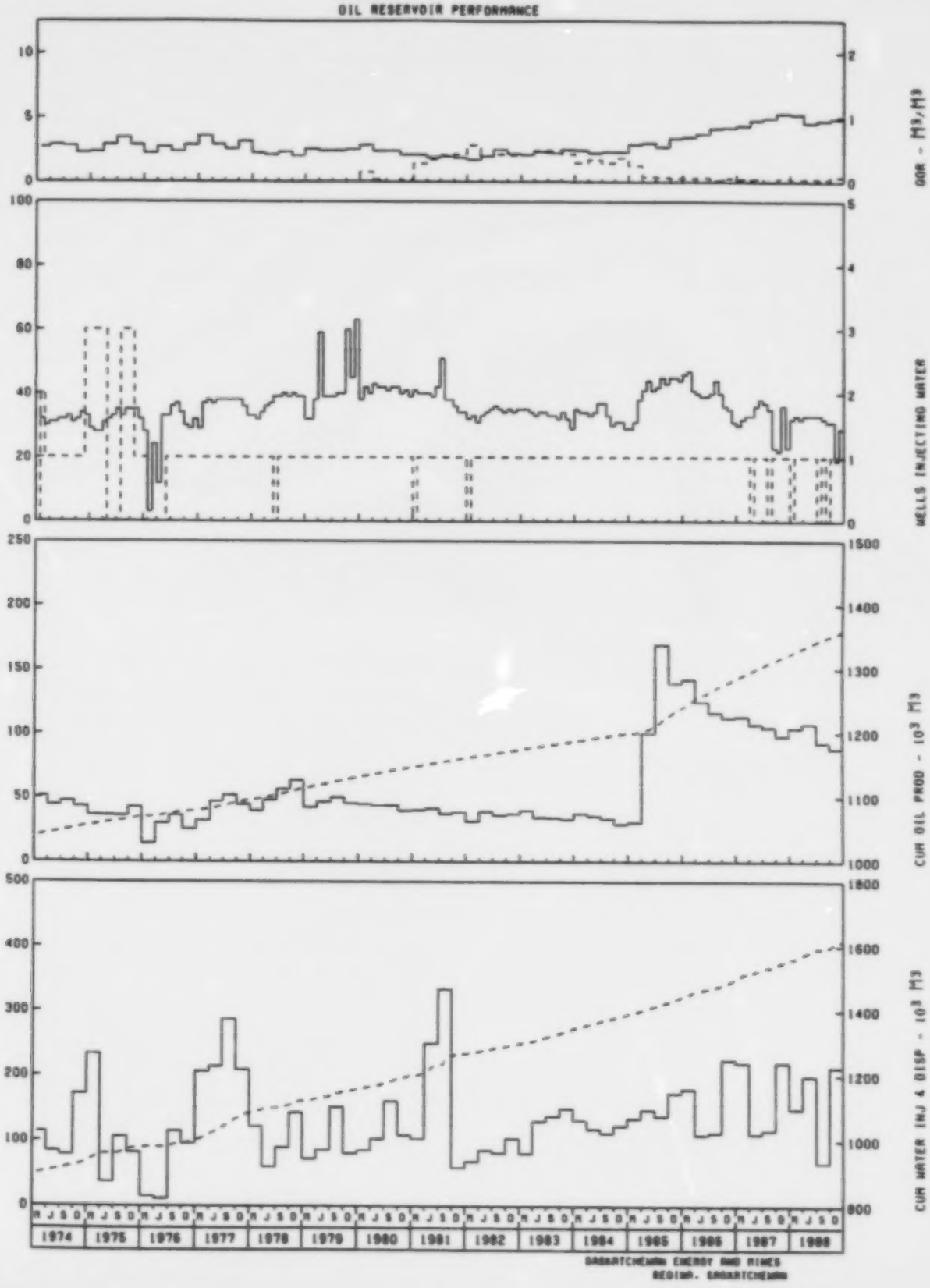
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LONE ROCK SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



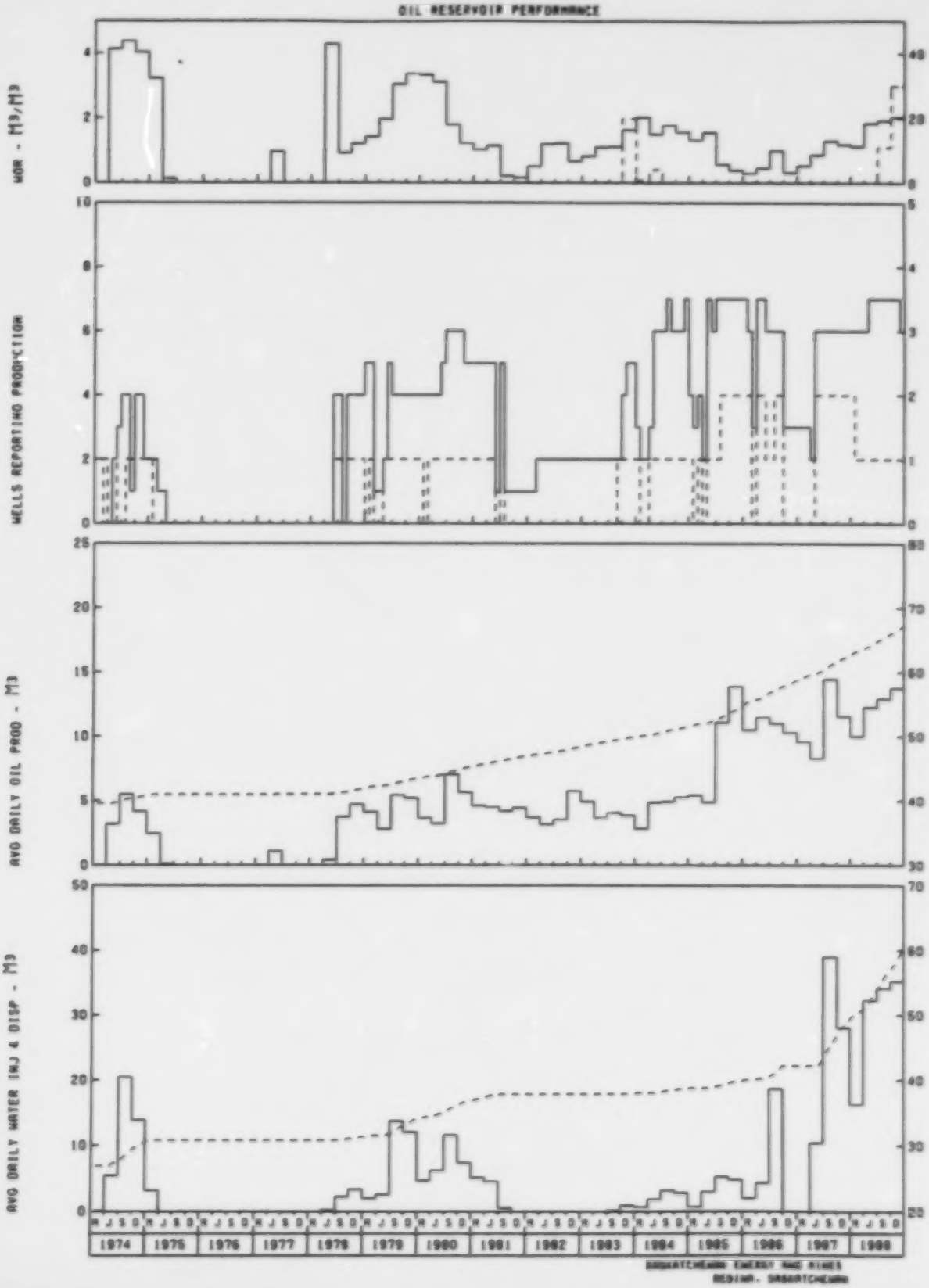
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOW LAKE WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

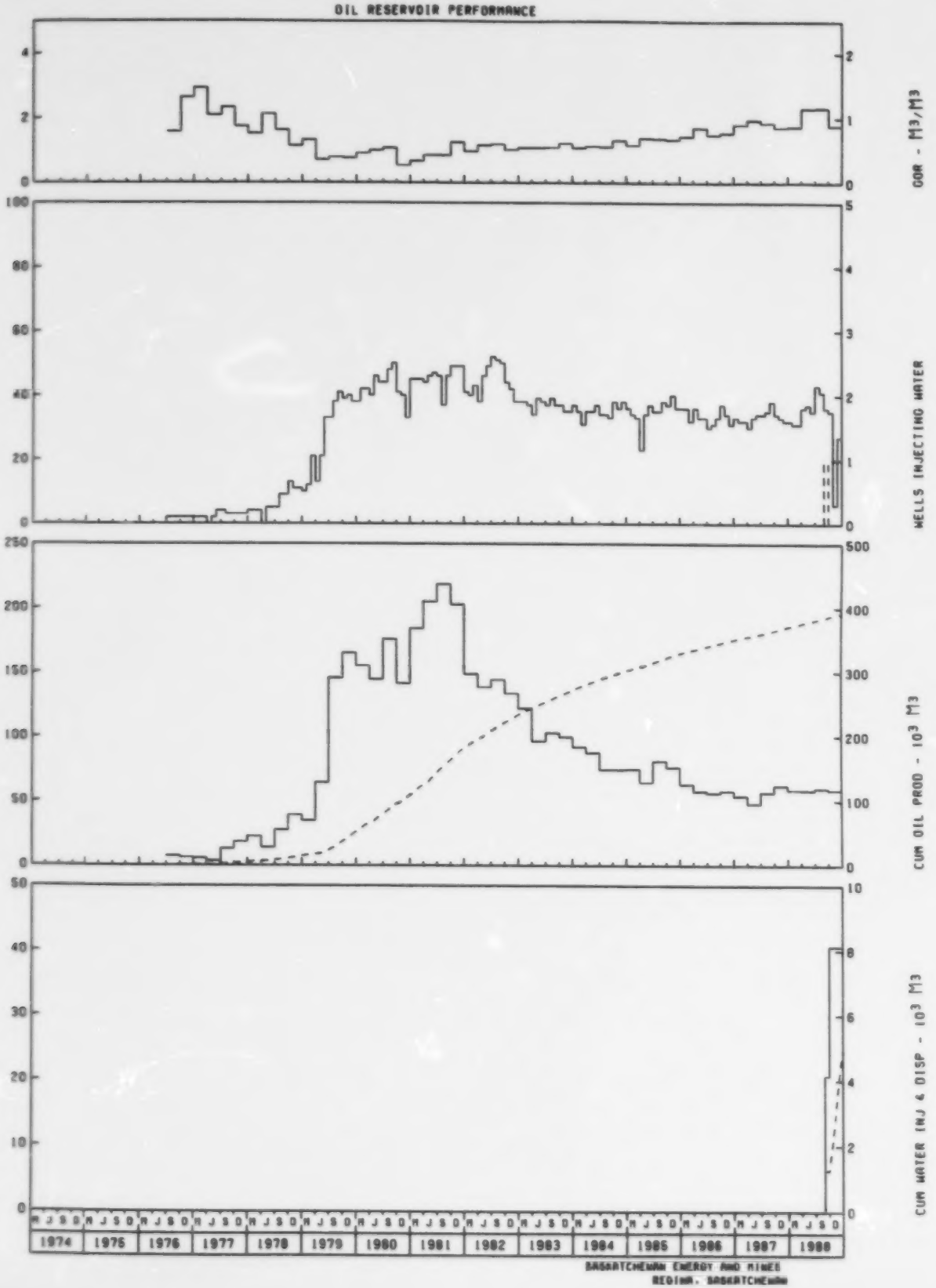


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MACKLIN SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



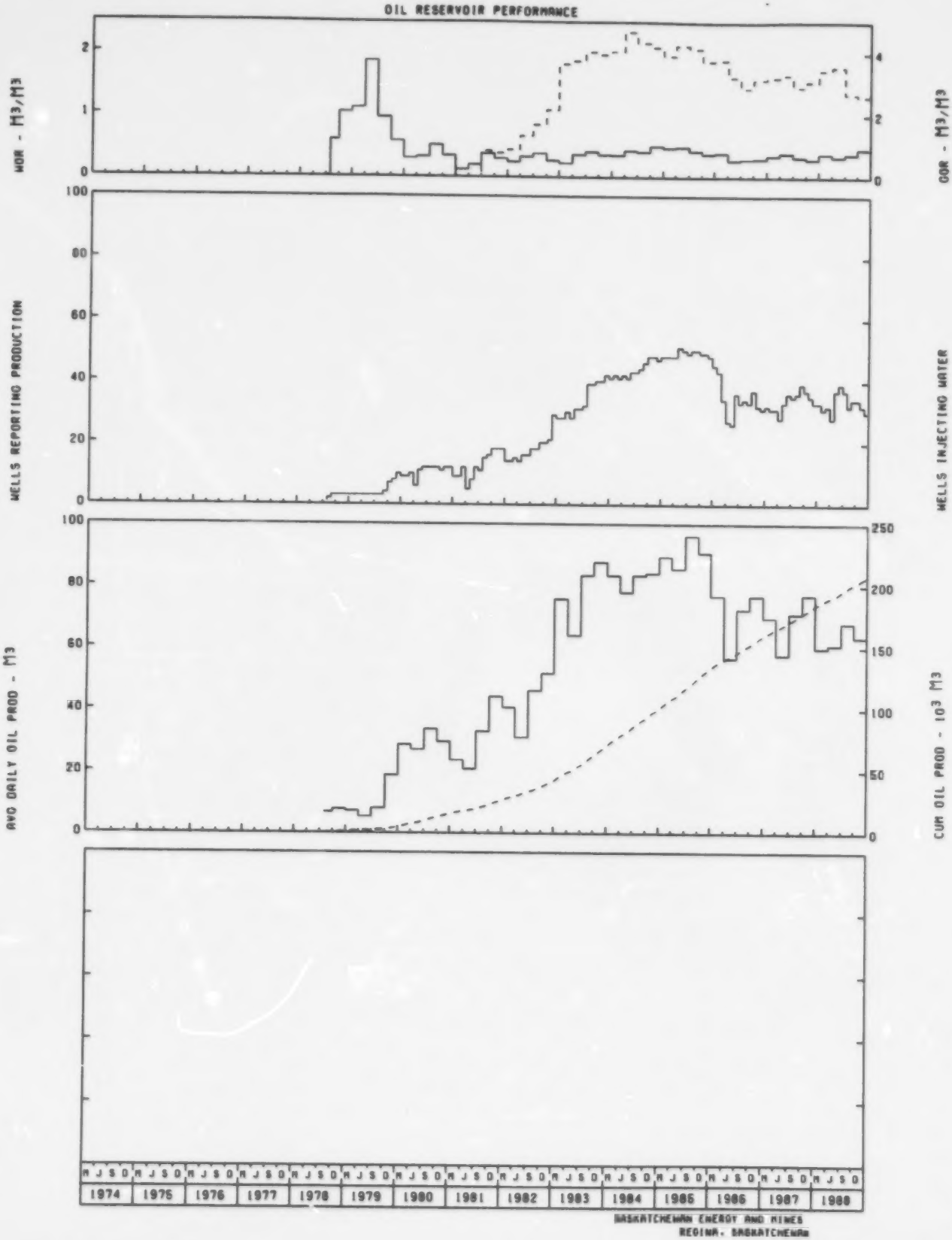
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MAIDSTONE MCLAREN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



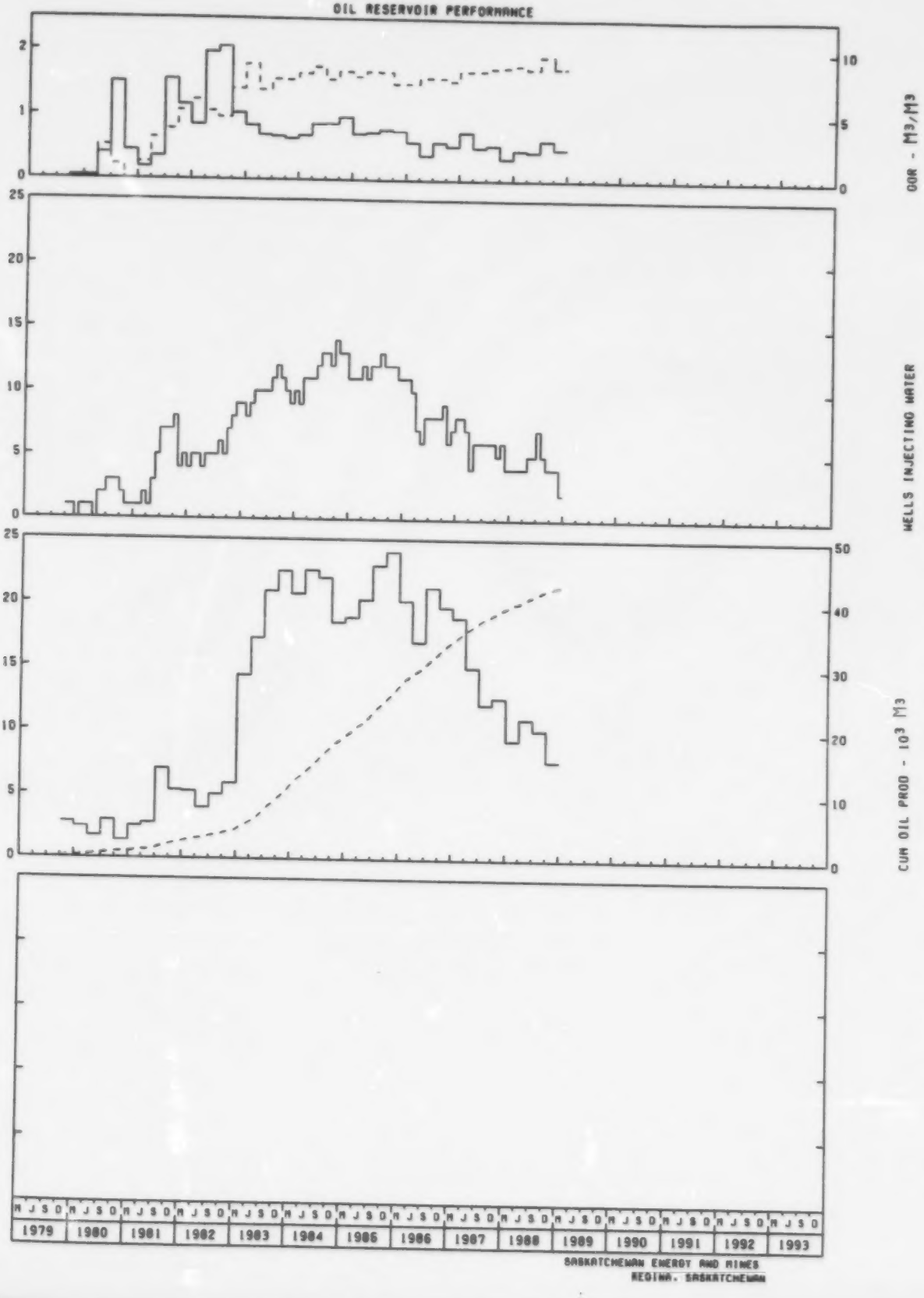
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MAIDSTONE WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



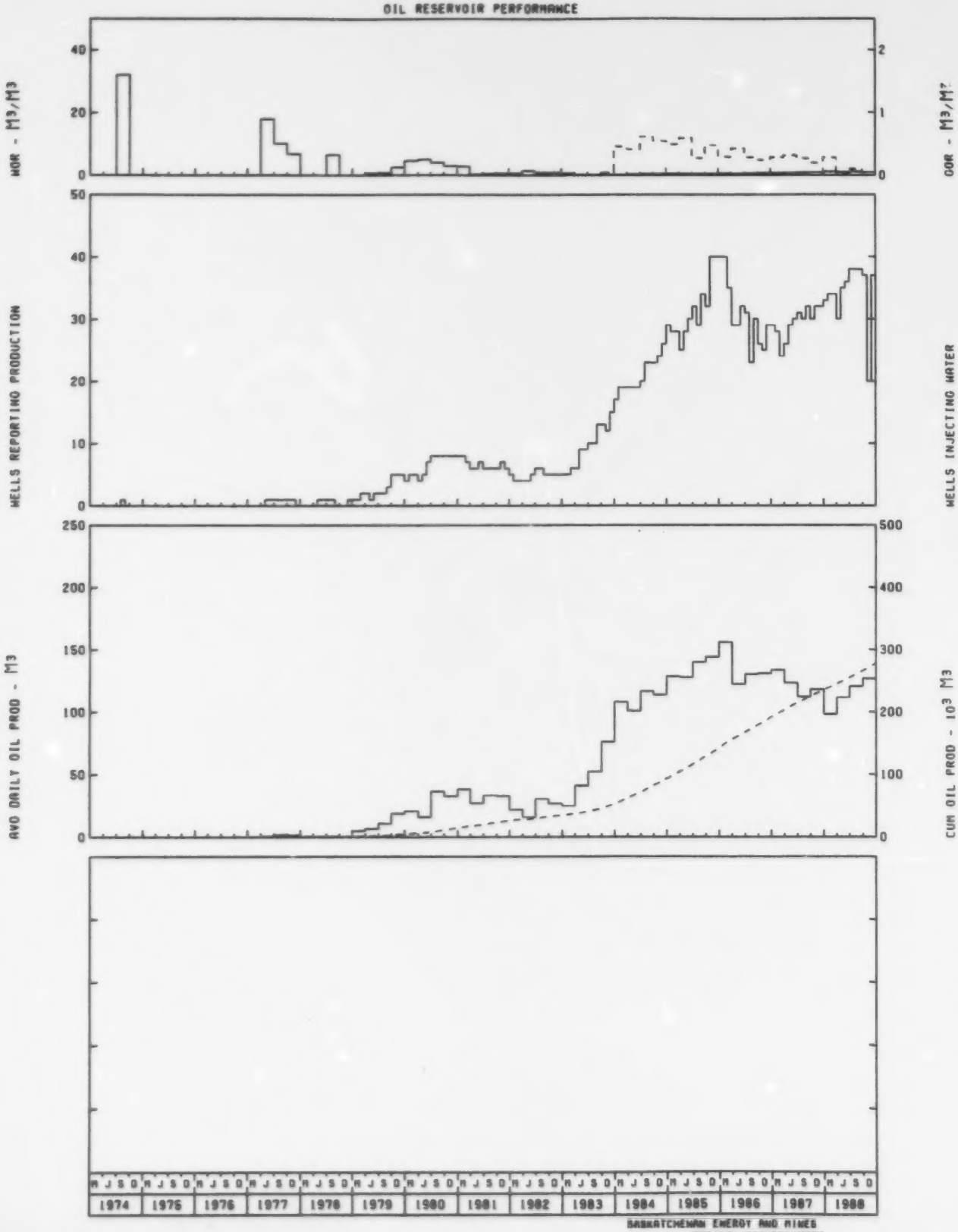
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MANITO LAKE SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



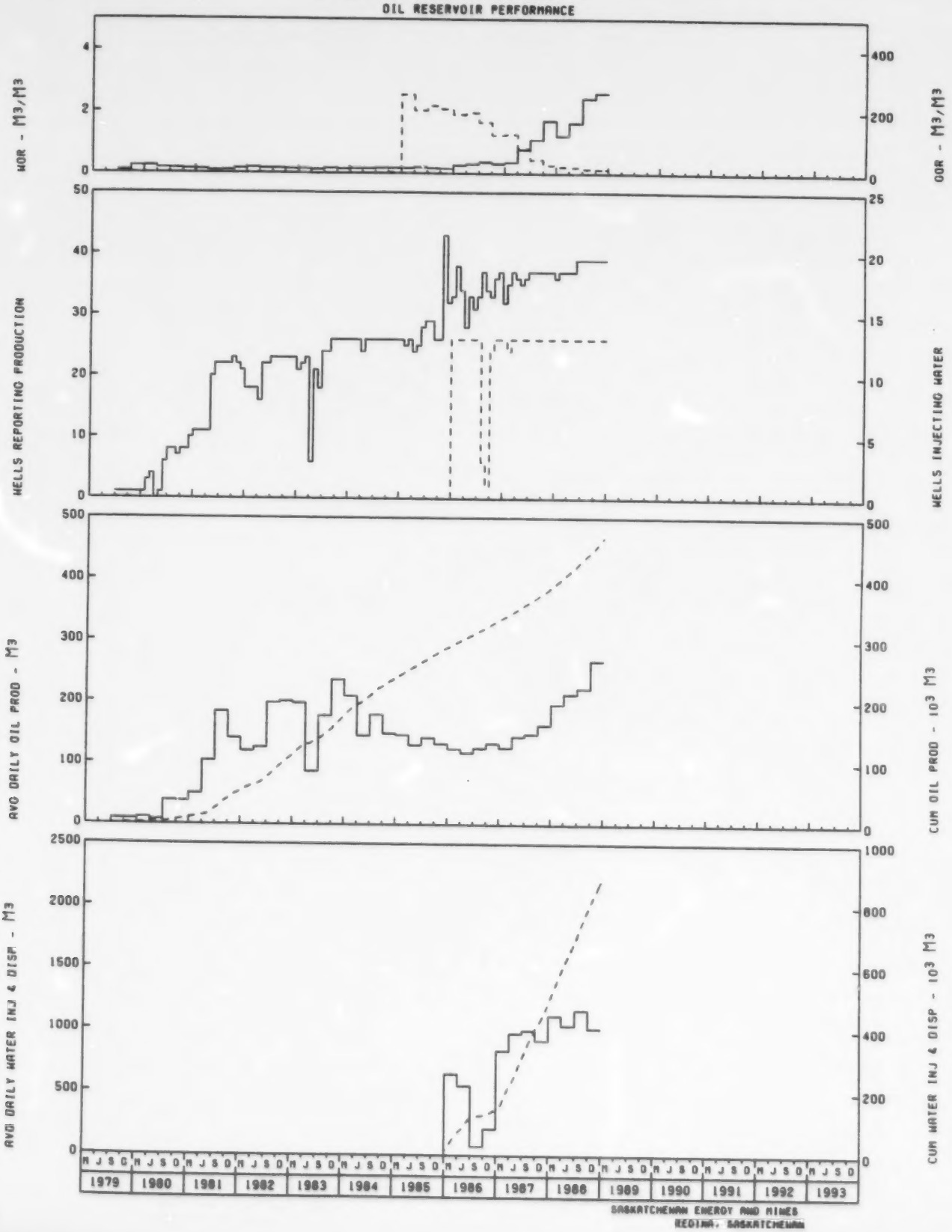
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MARSDEN SOUTH SPARKY SAND POOL

MARSDEN SO SPARKY VOL UNIT 1

OIL RESERVOIR PERFORMANCE



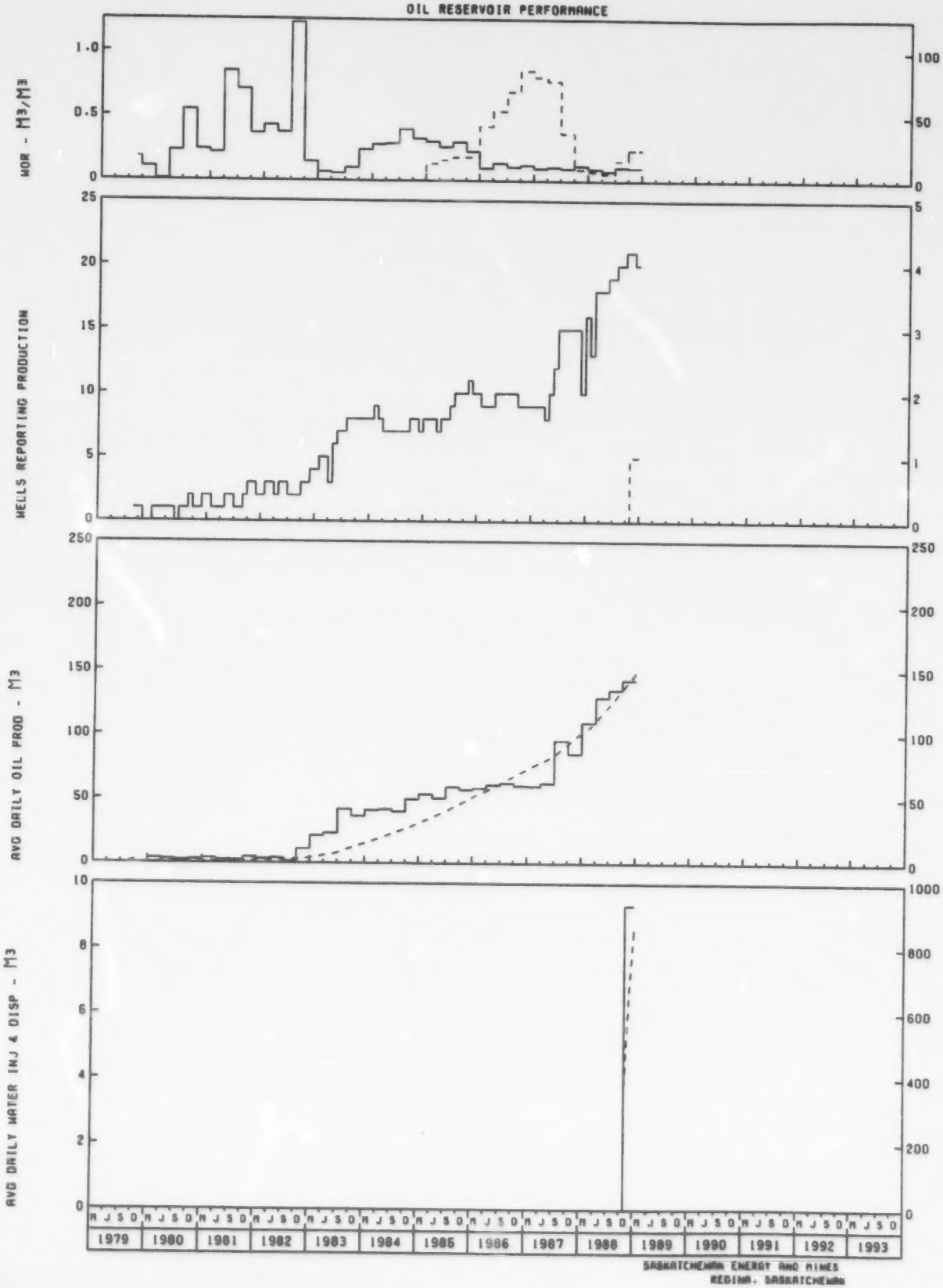
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MARSDEN SOUTH SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



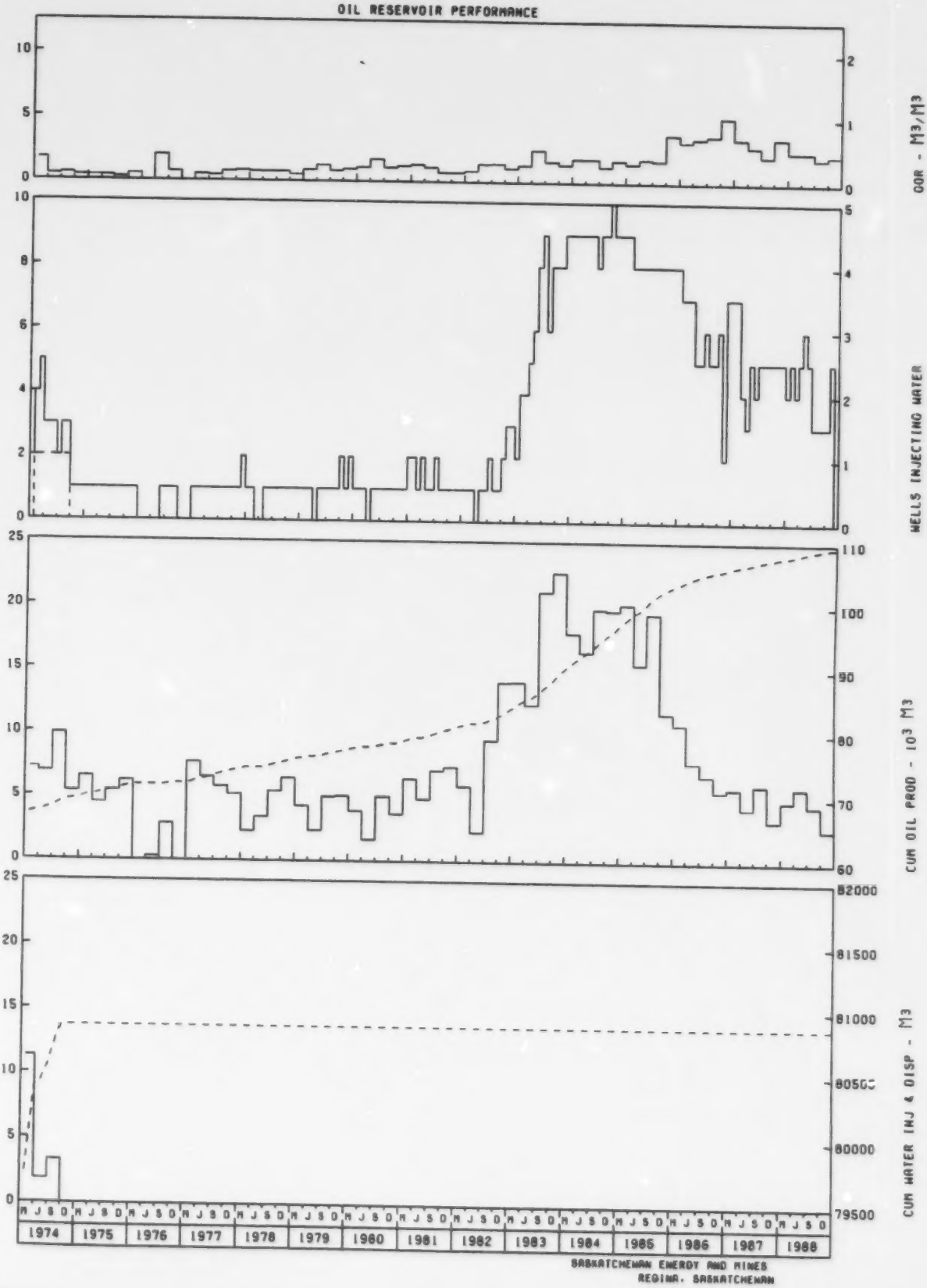
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MARSDEN SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



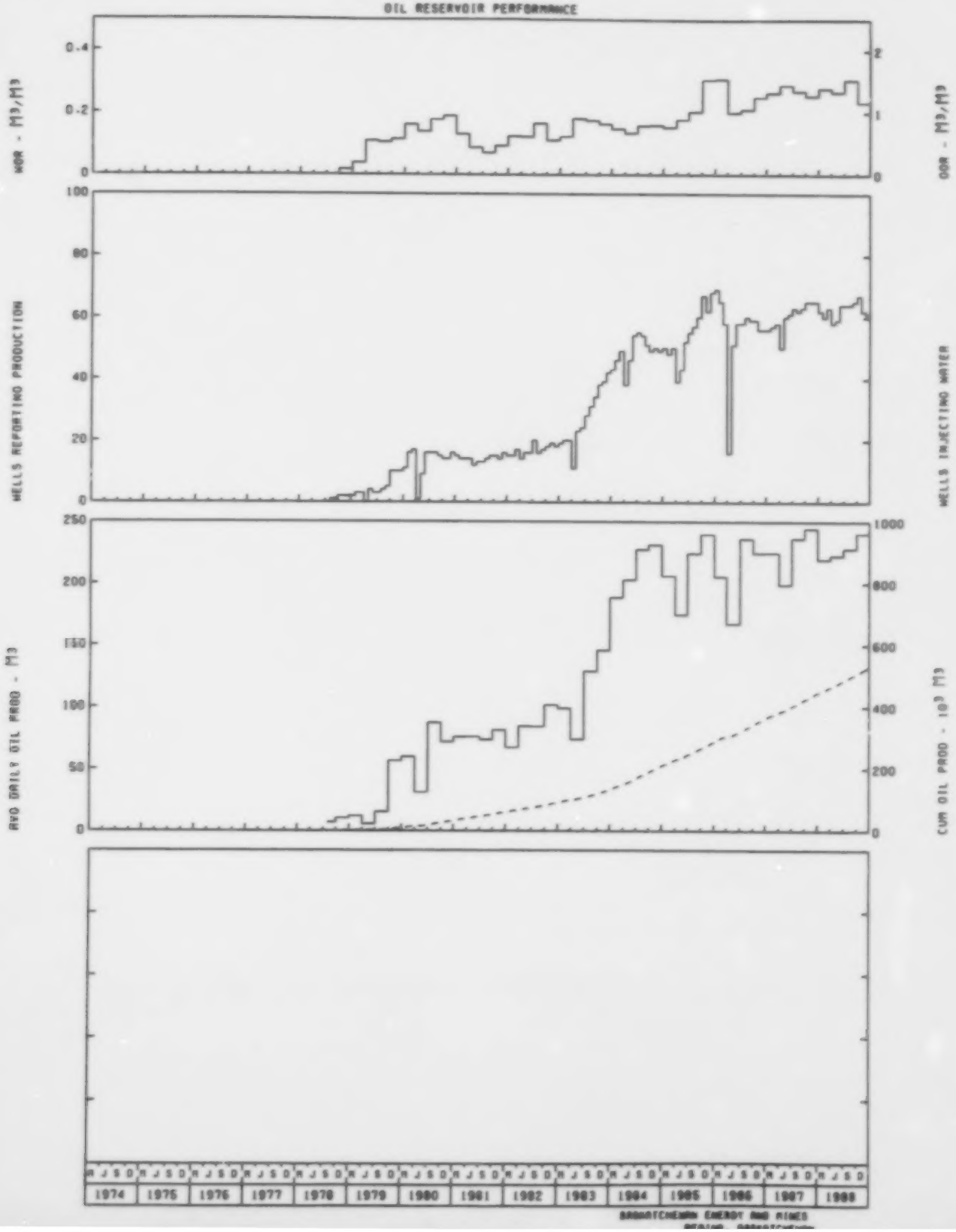
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NEILBURG MCLAREN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

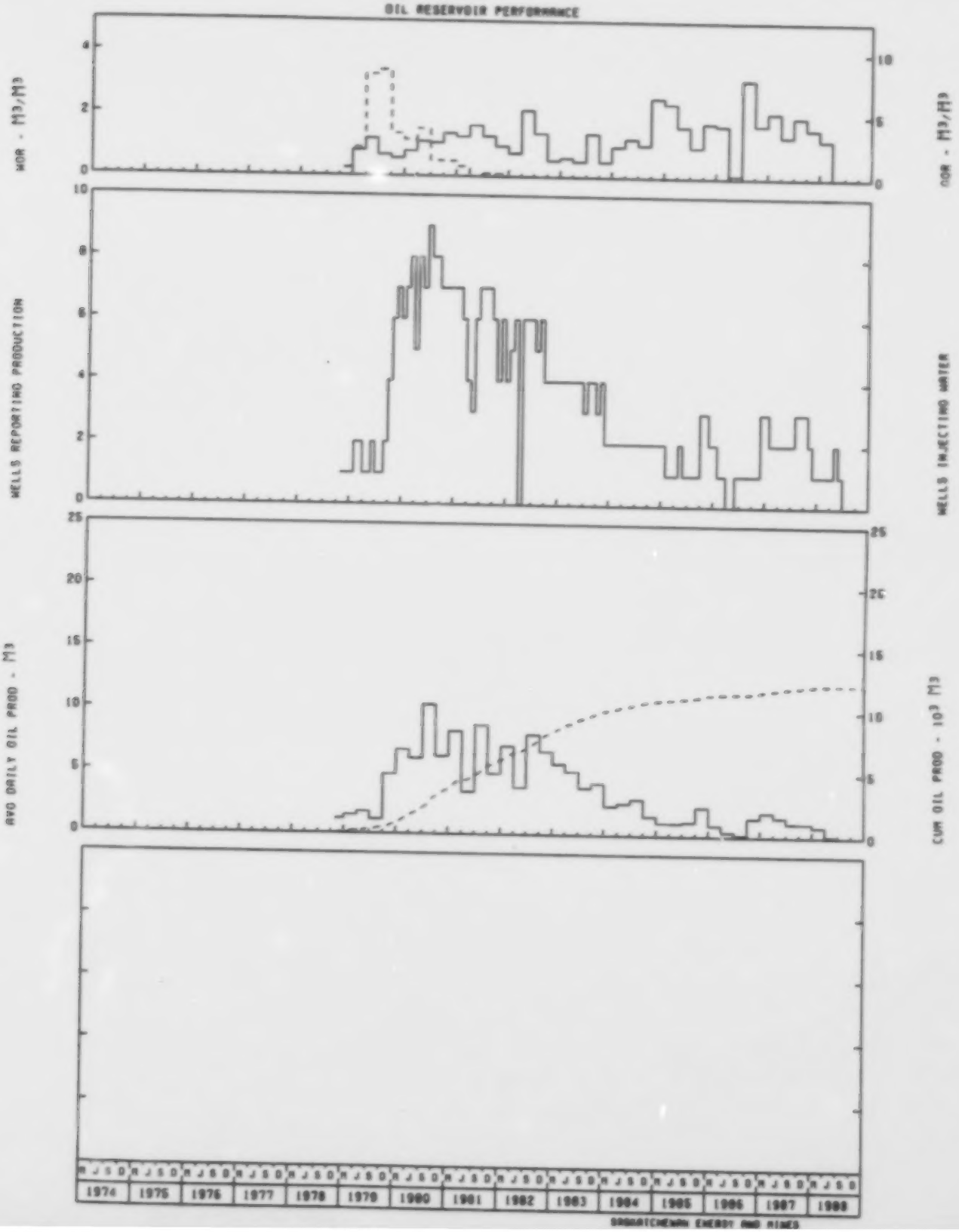


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTHMINSTER NORTH CP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

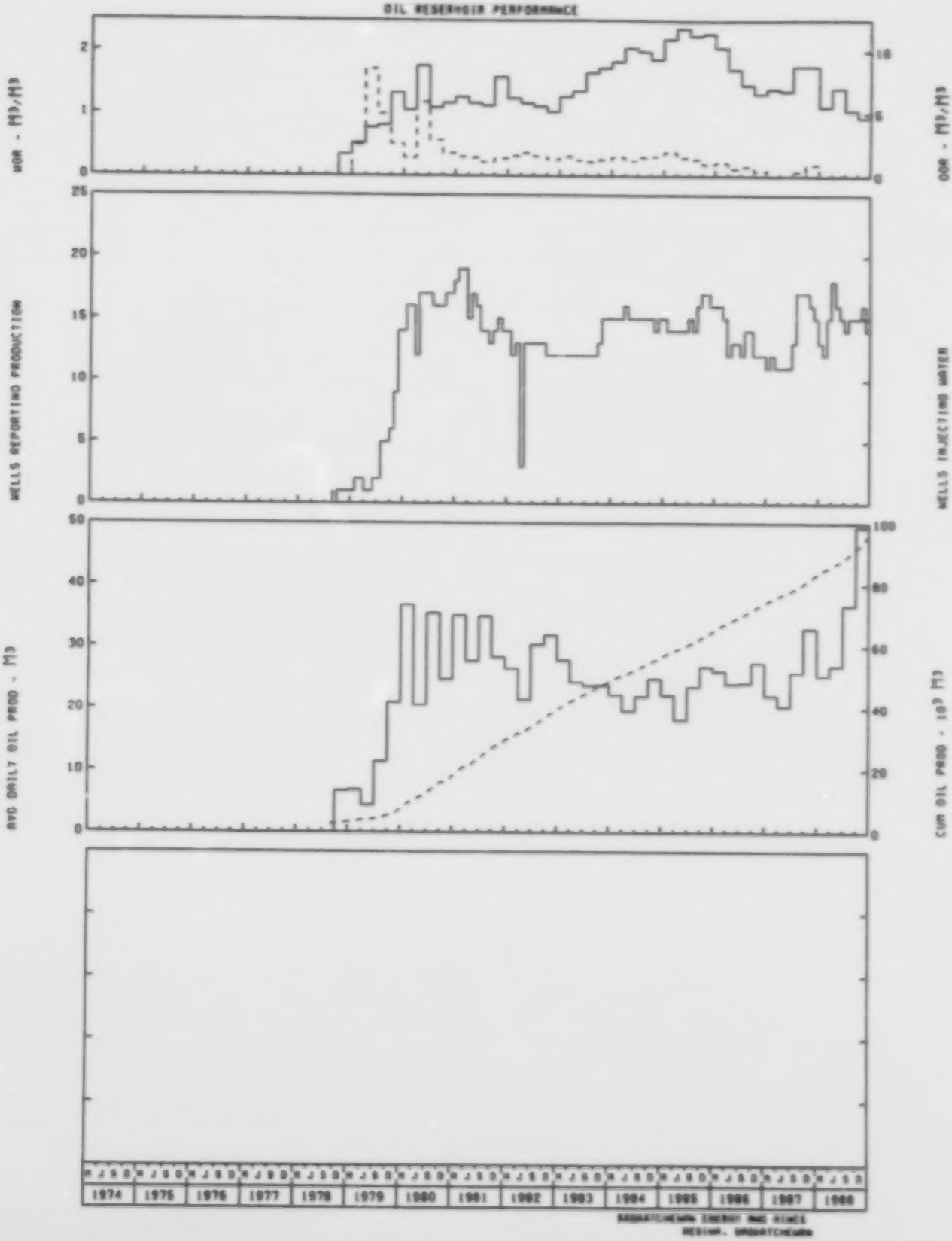


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTHMINSTER NORTH SPARKY SAND

NON-UNITS

OIL RESERVOIR PERFORMANCE

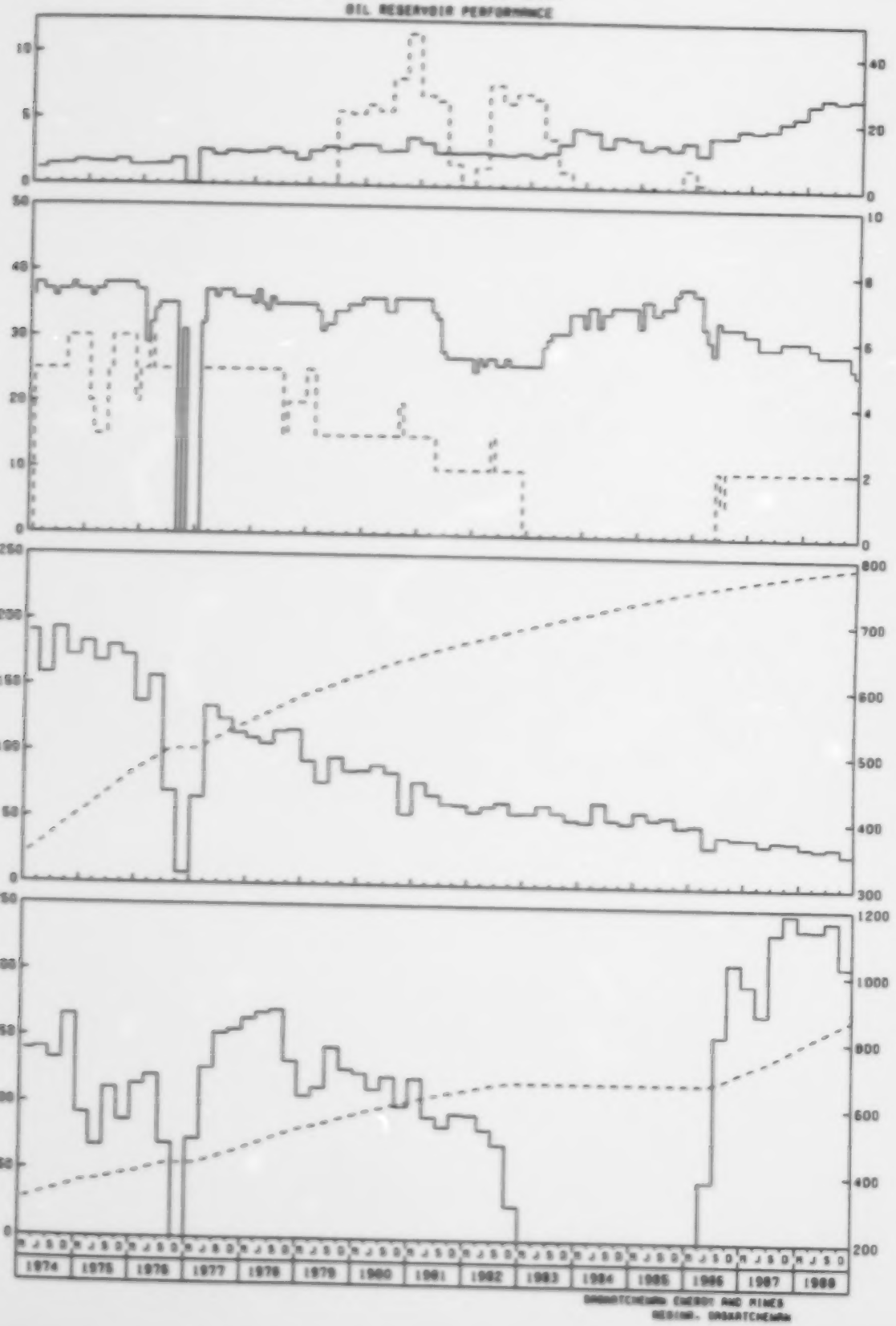


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

NORTHMINSTER SPARKY SAND POOL

NORTHMINSTER SPARKY VOL UNIT

OIL RESERVOIR PERFORMANCE

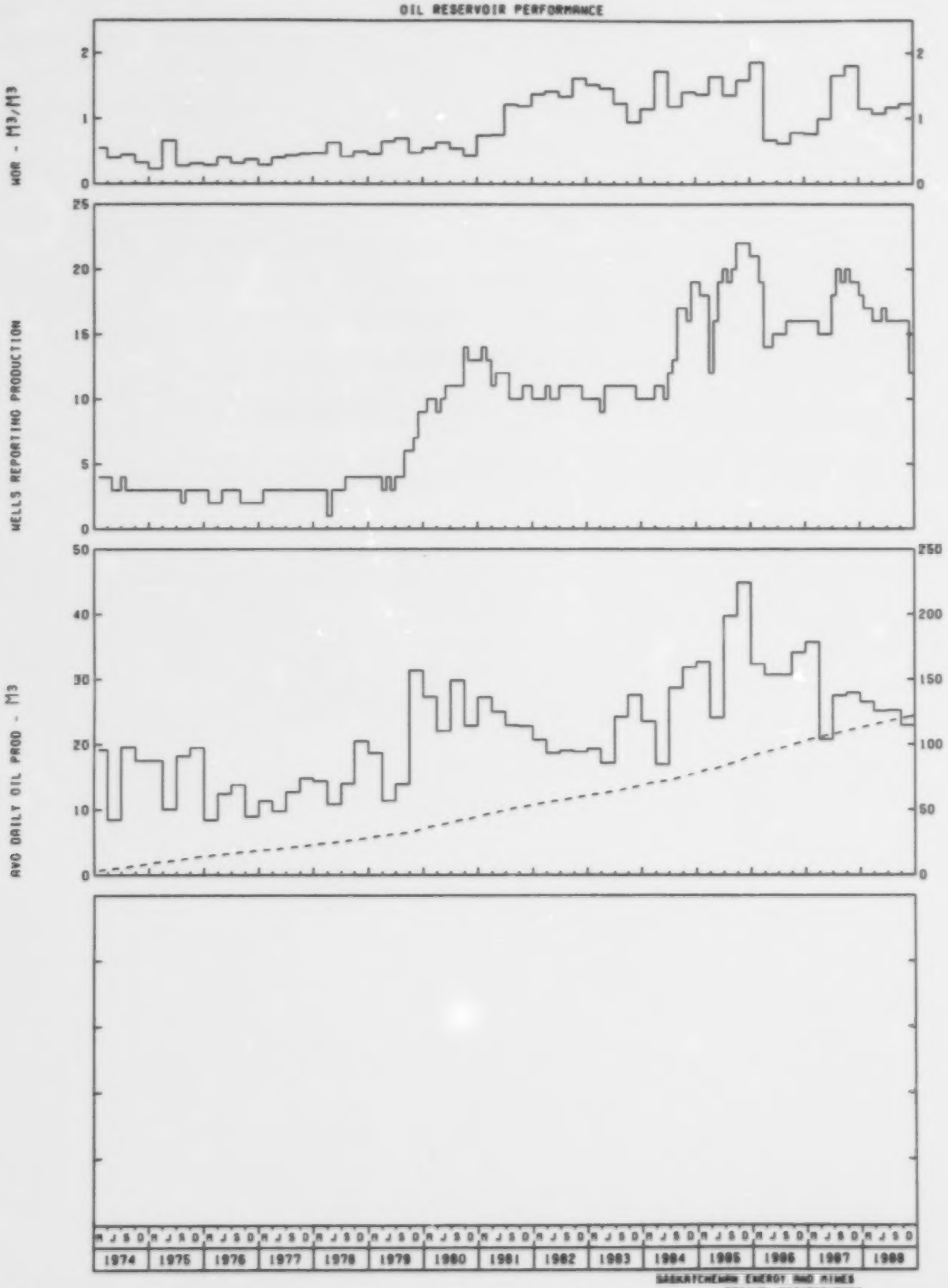


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTHMINSTER SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



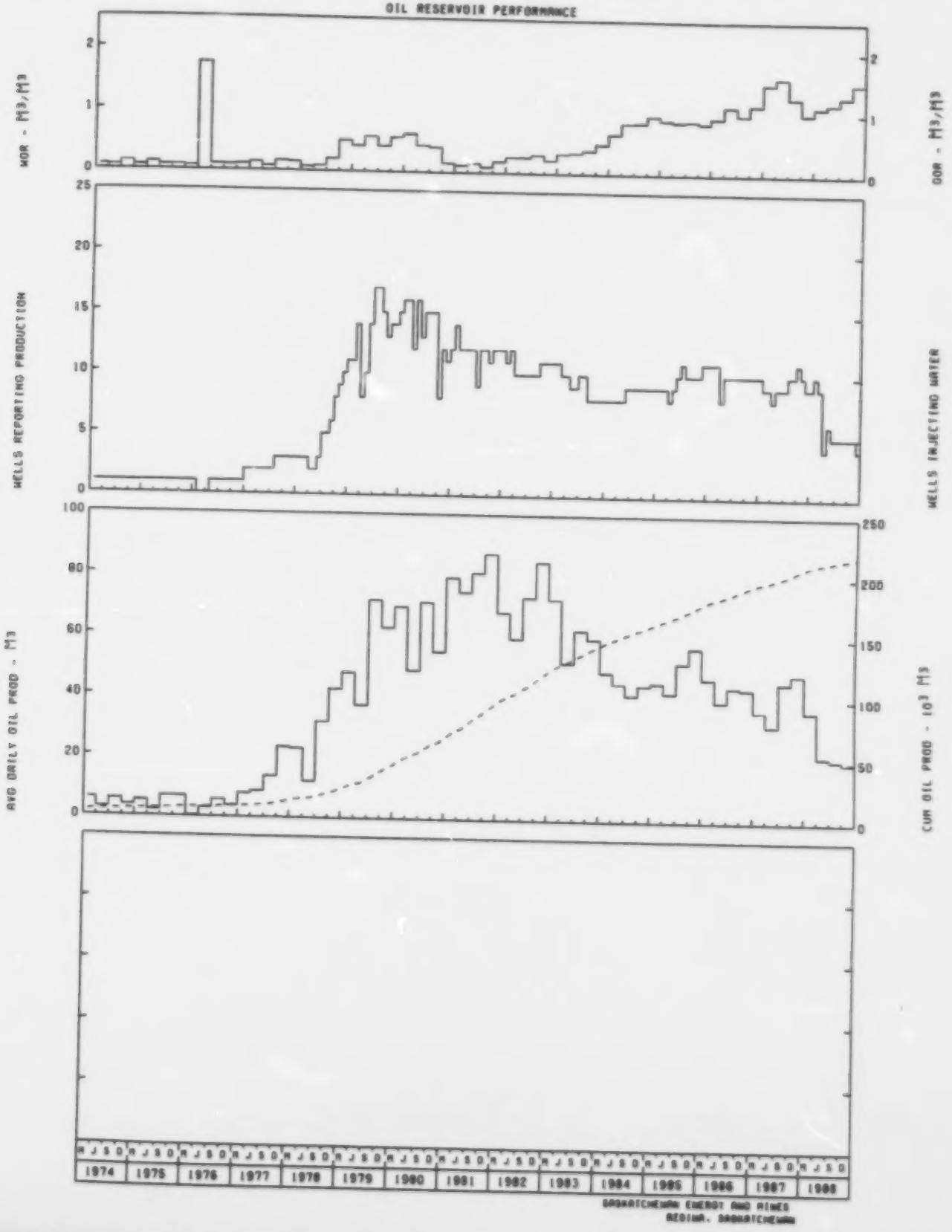
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PIKES PEAK CP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



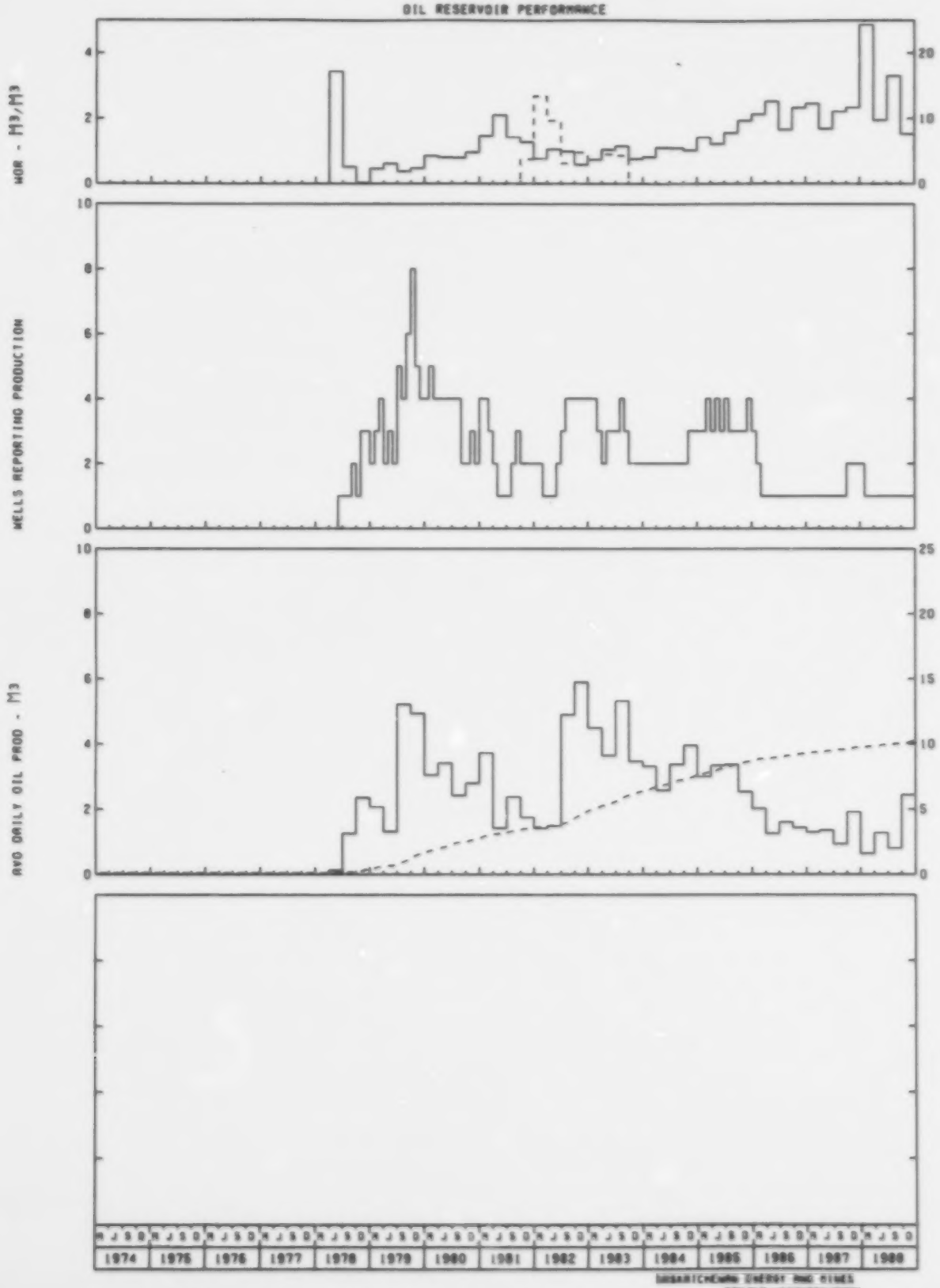
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PIKES PEAK SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



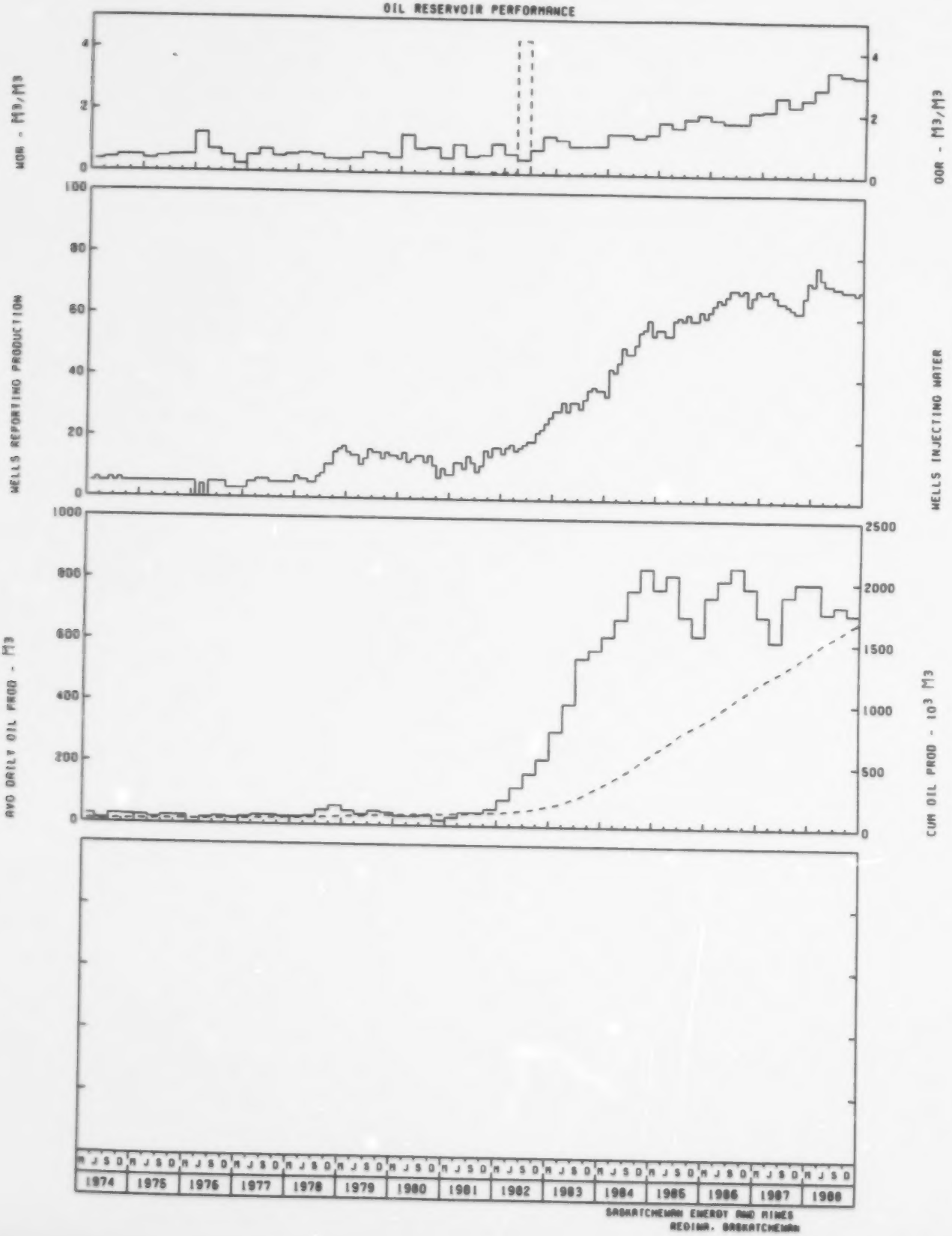
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PIKES PEAK WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

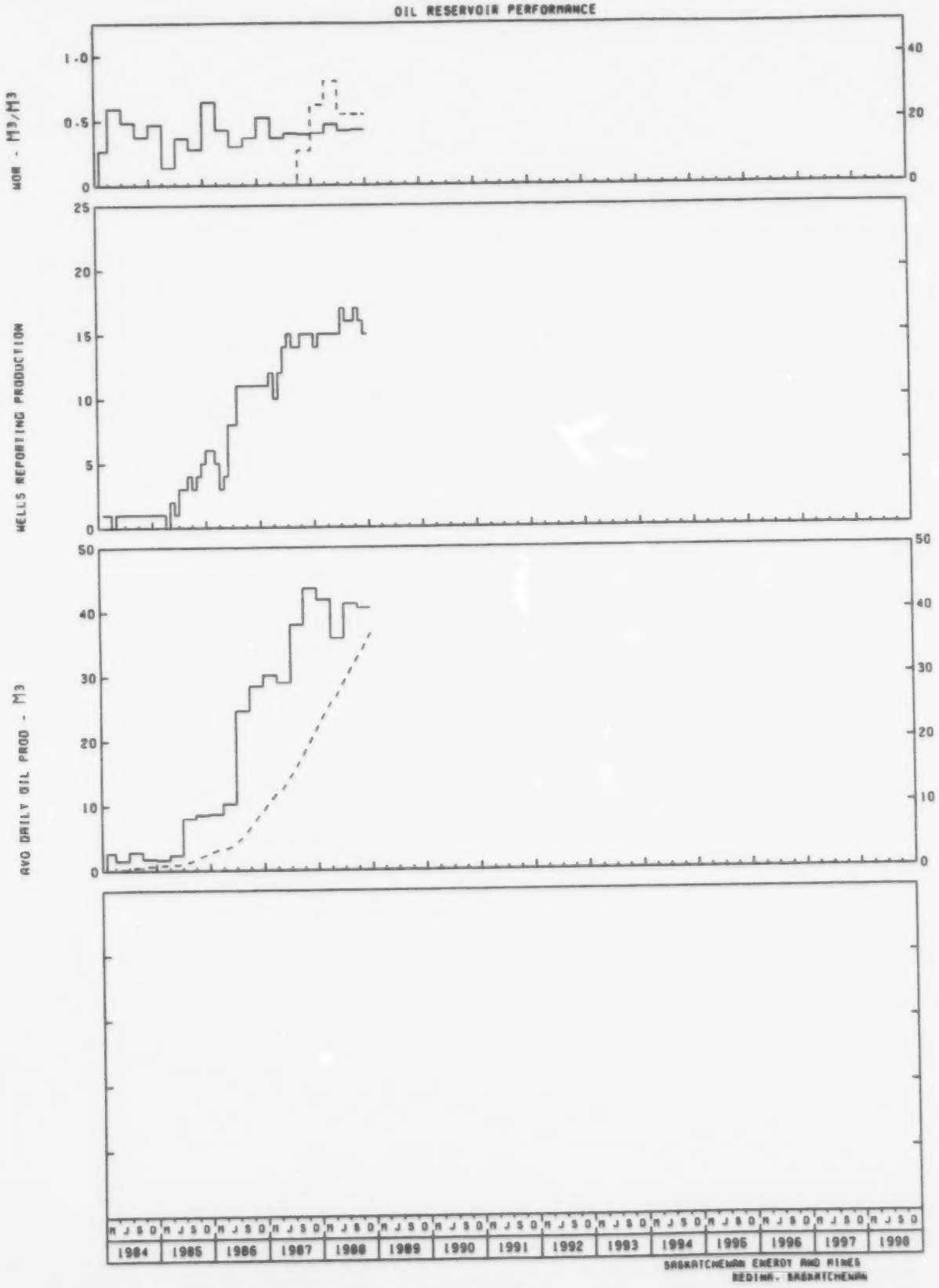


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

RUSH LAKE MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

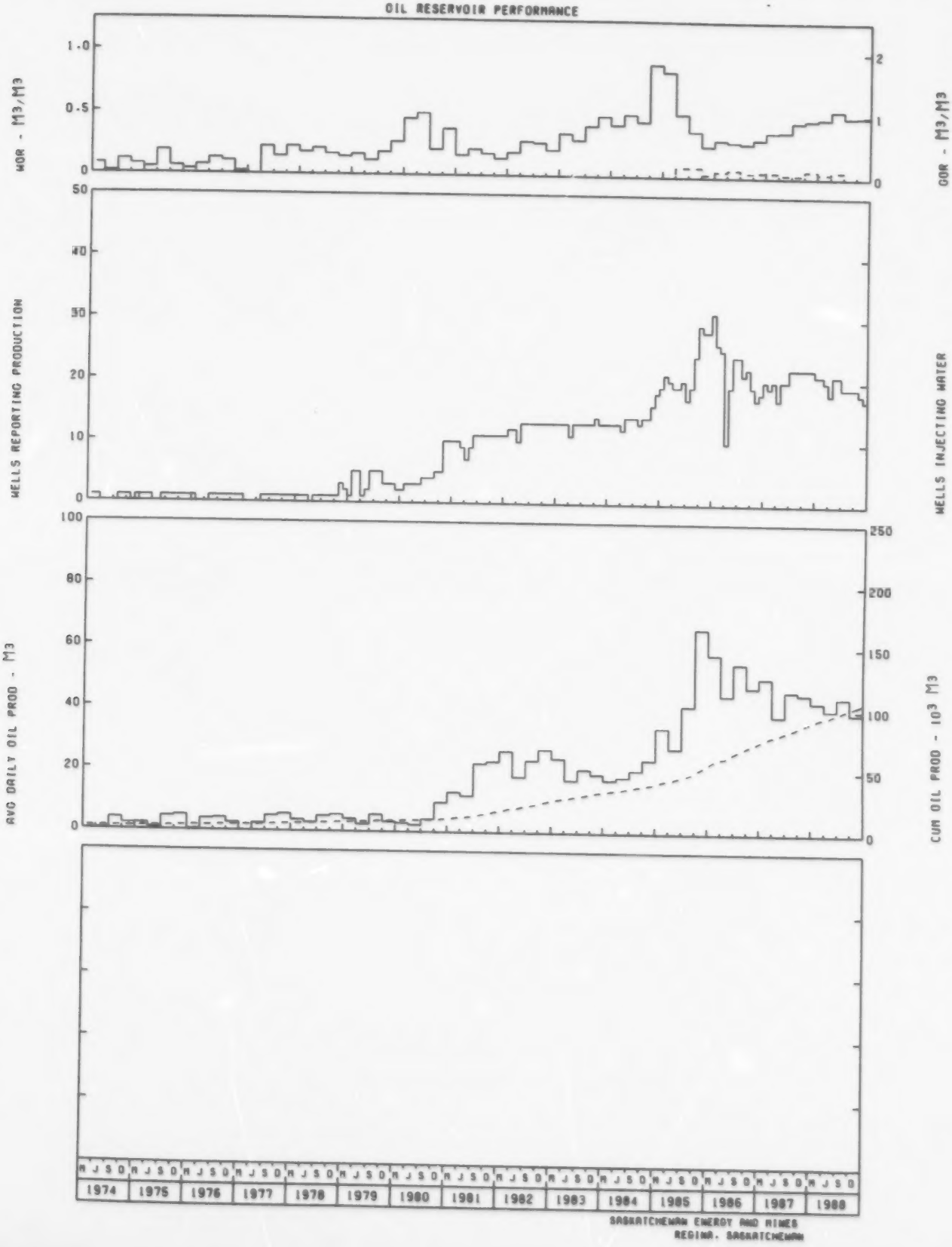


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RUSH LAKE SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



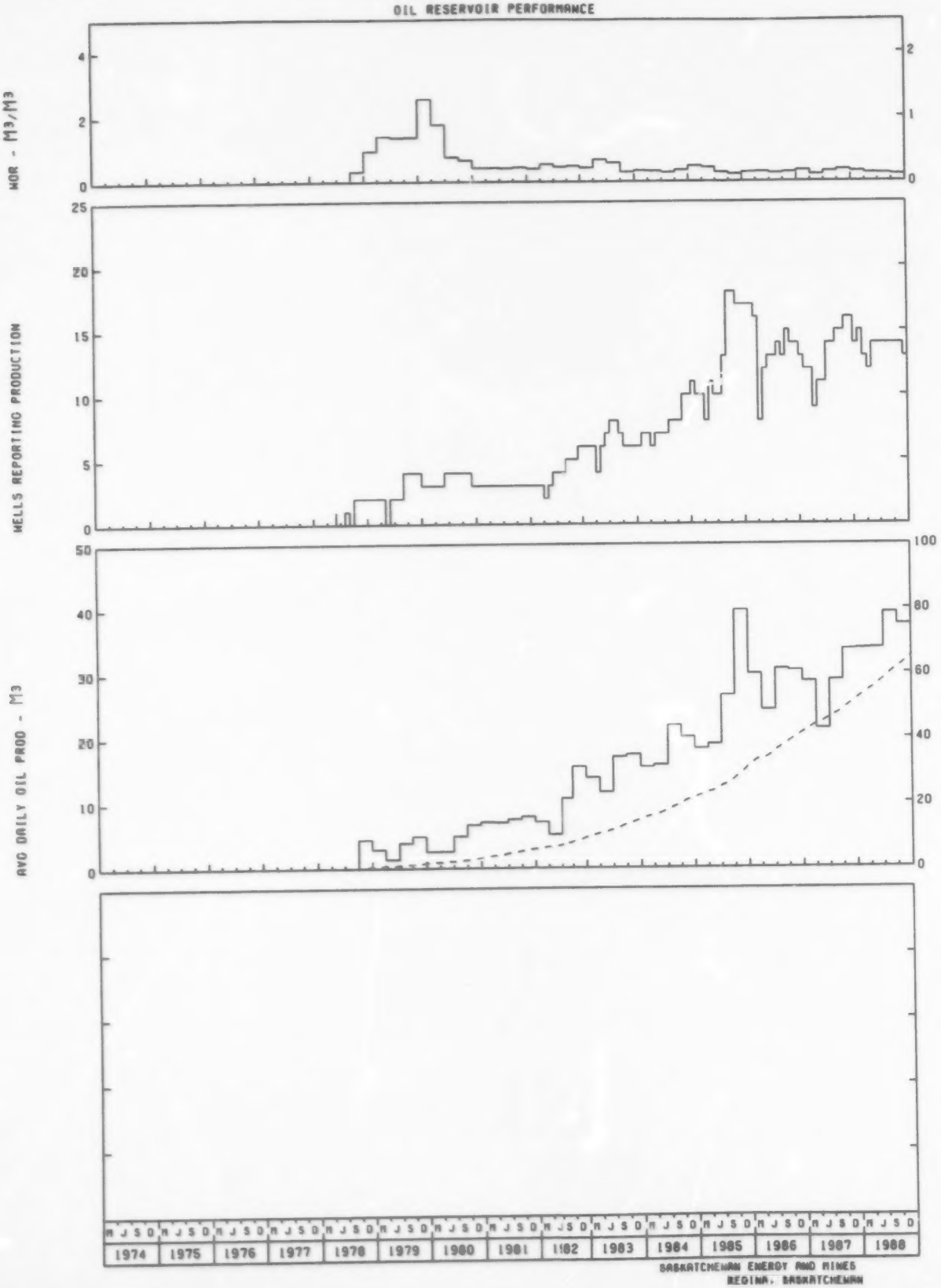
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RUSH LAKE WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



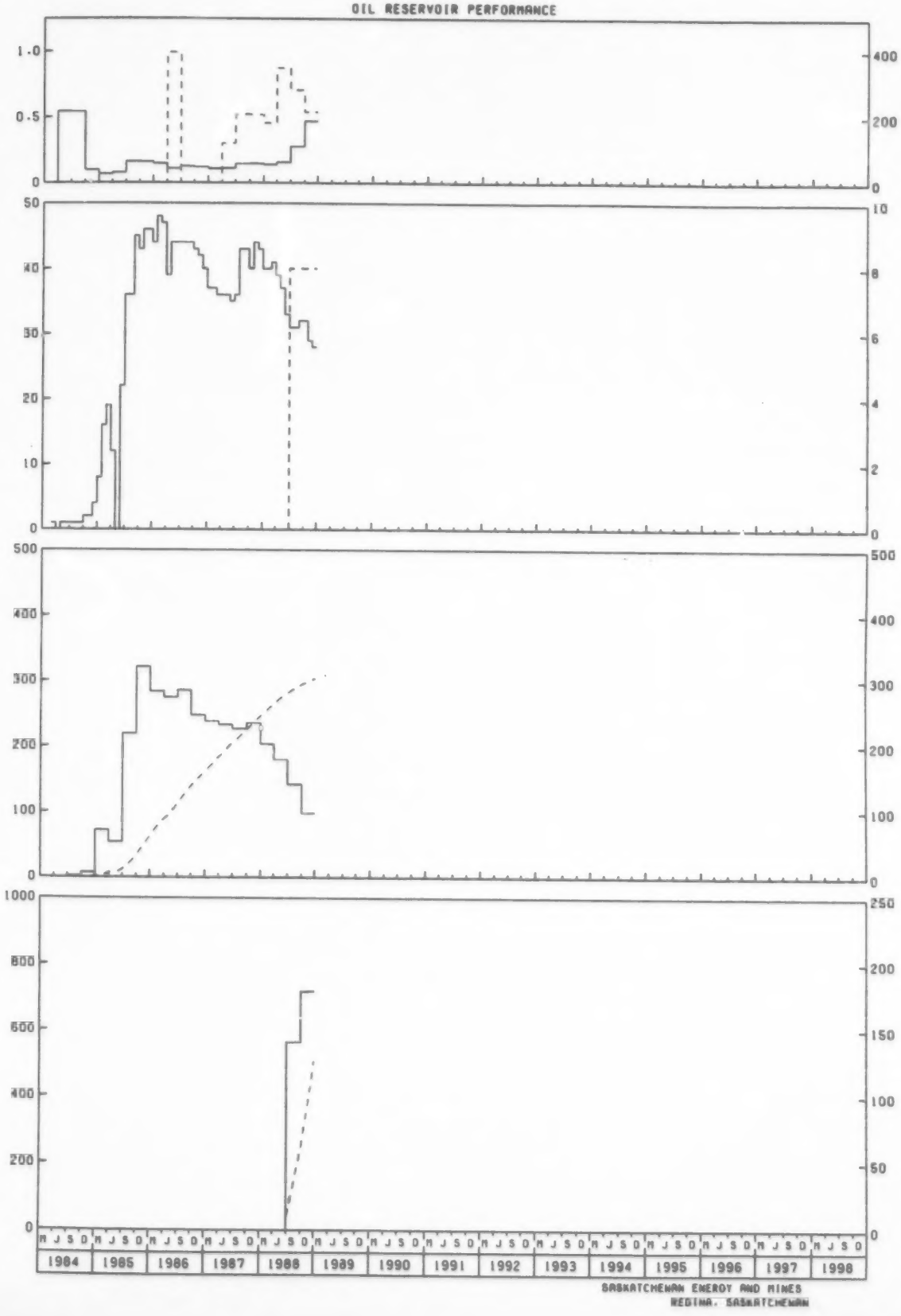
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SALT LAKE LLOYD SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



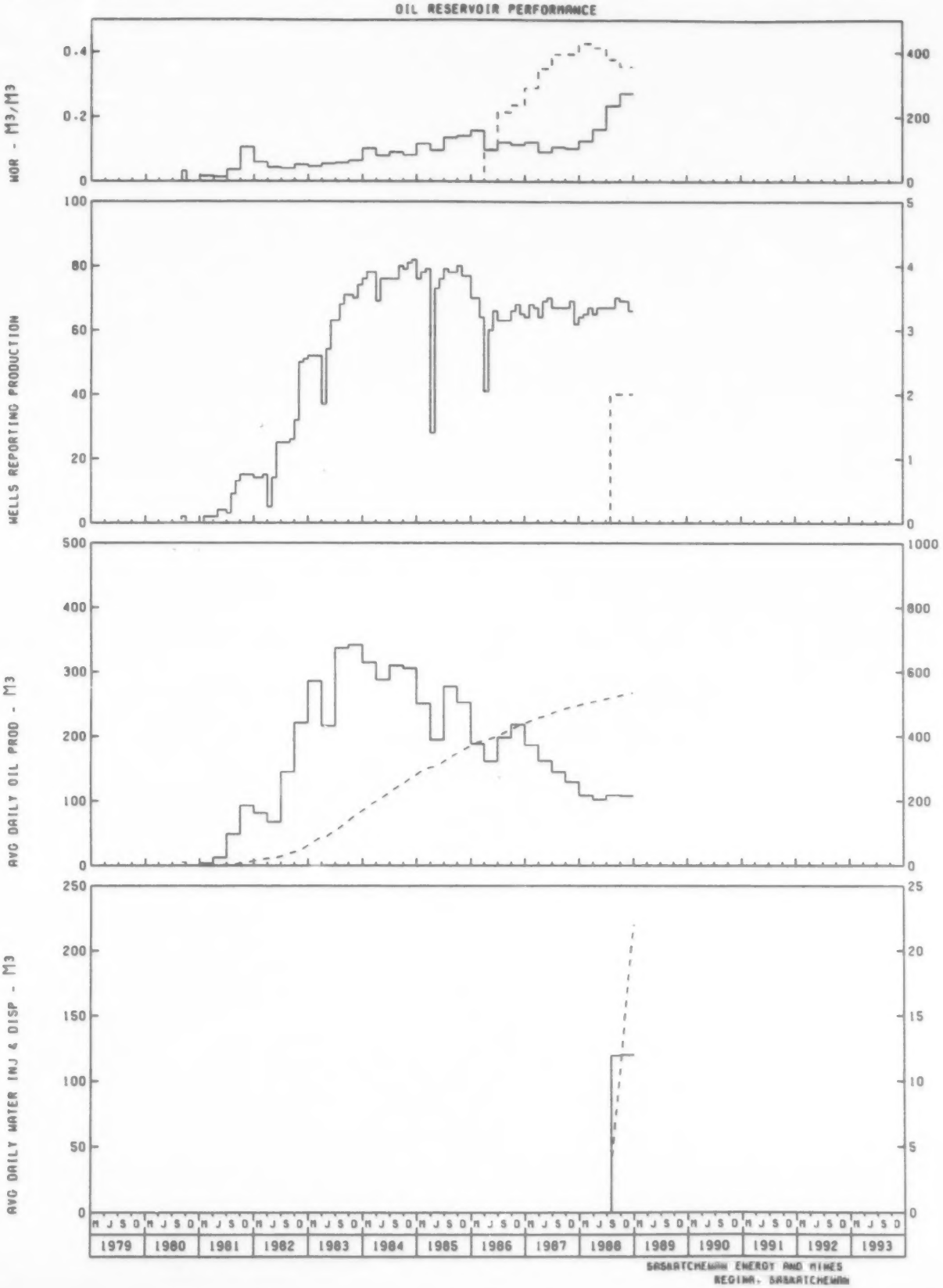
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SENLAC LLOYDMINSTER SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



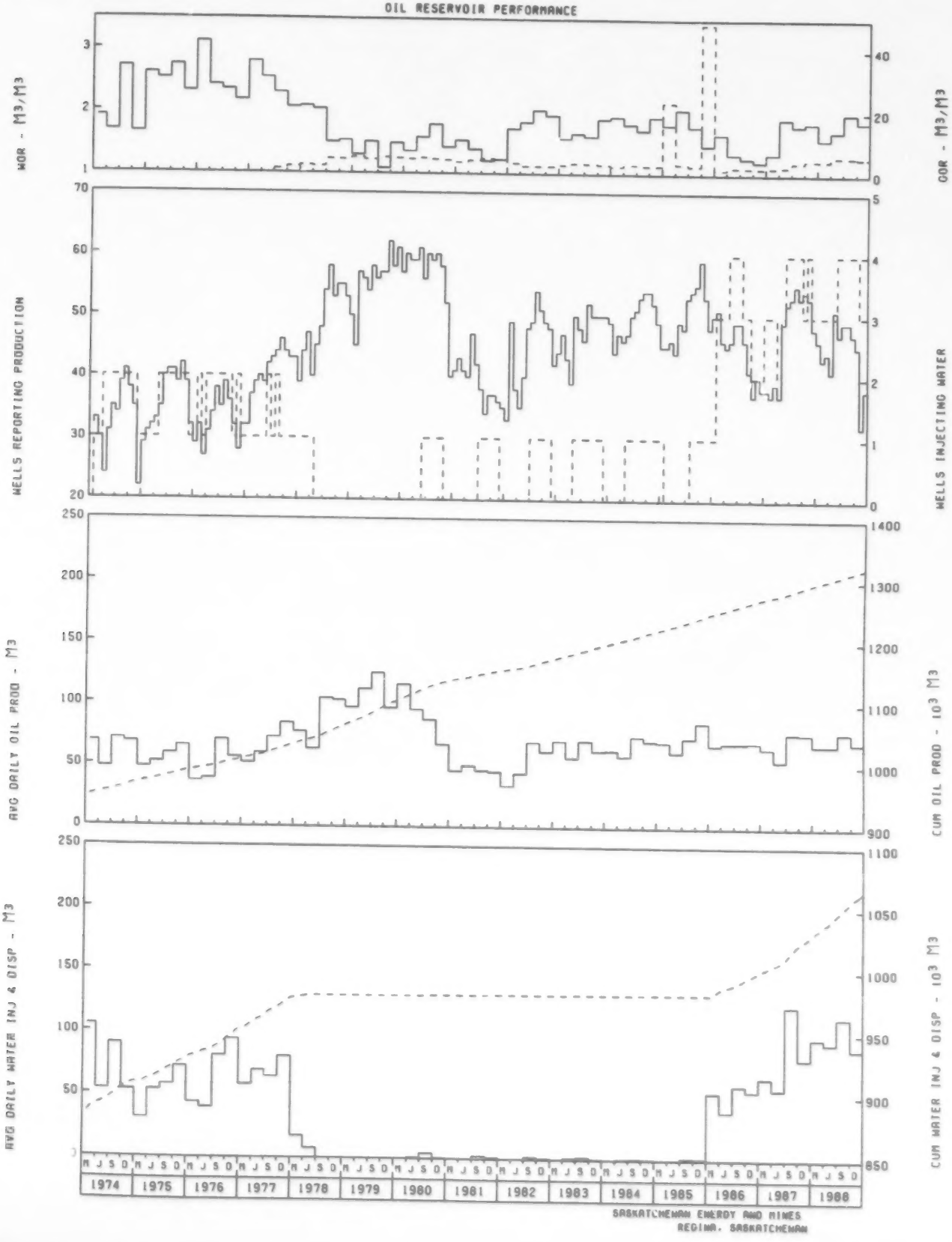
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SILVERDALE SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

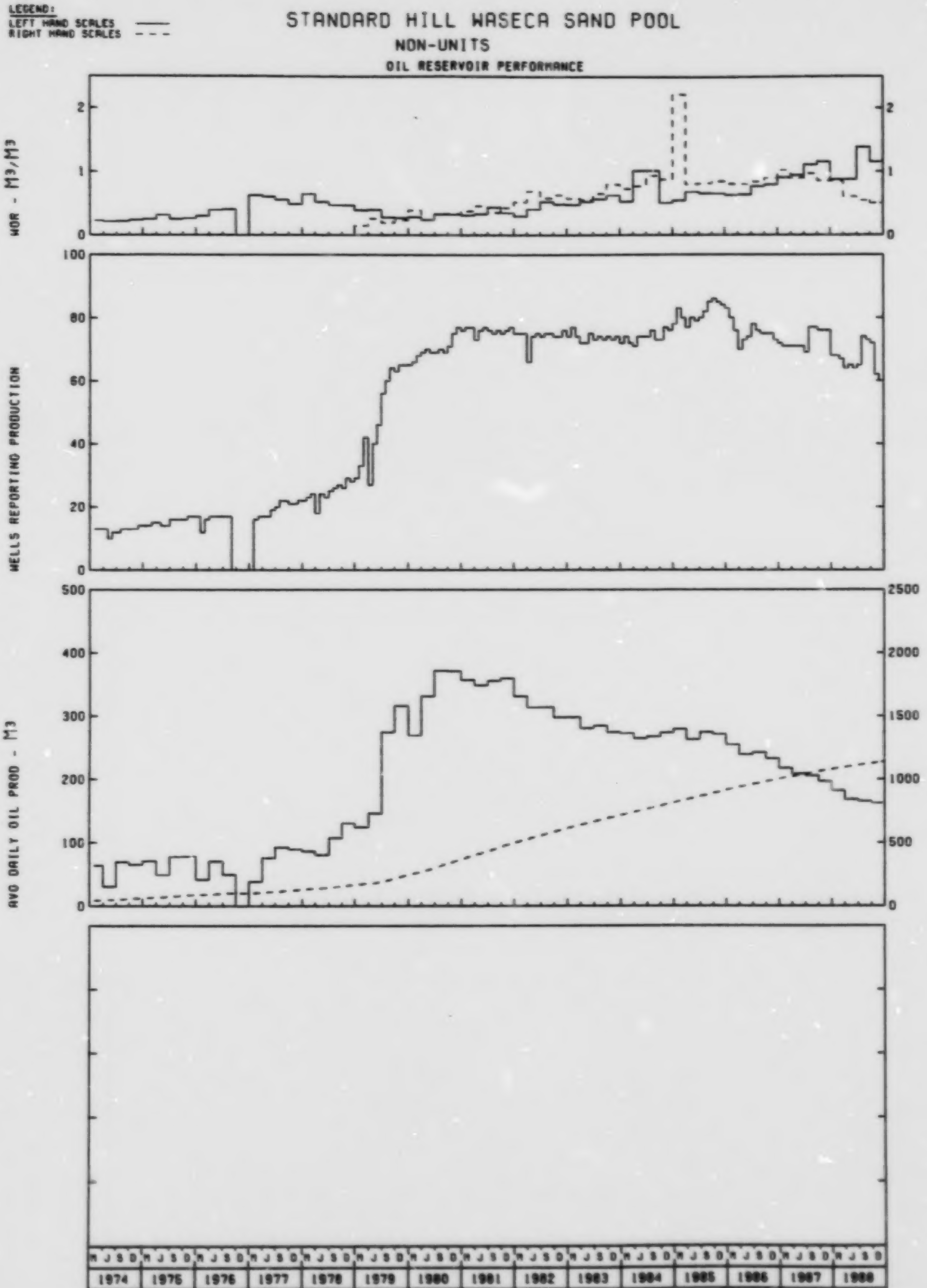


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

STANDARD HILL WASECA SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



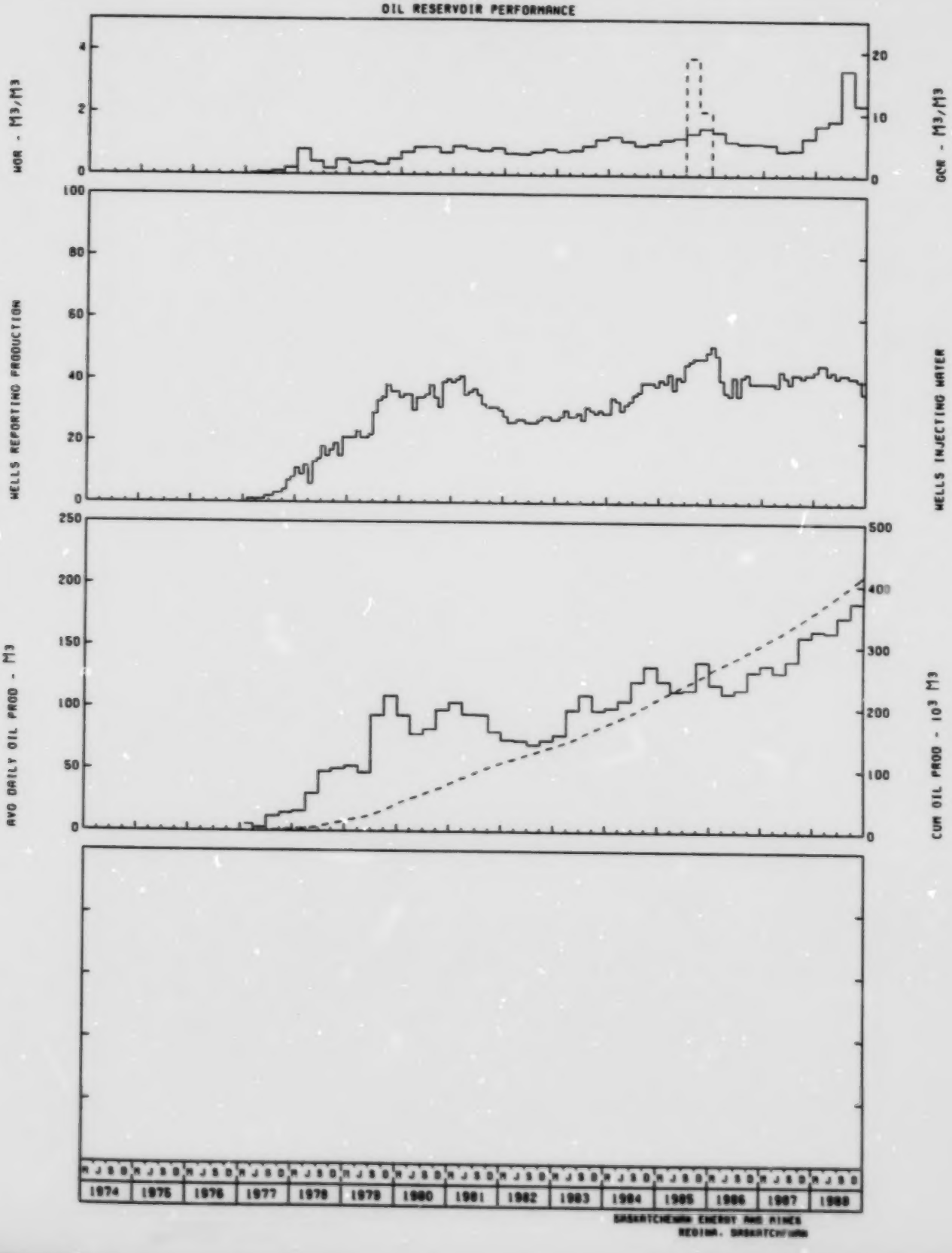
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

T FLAGS N LLOYD/CUMMINGS SD PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



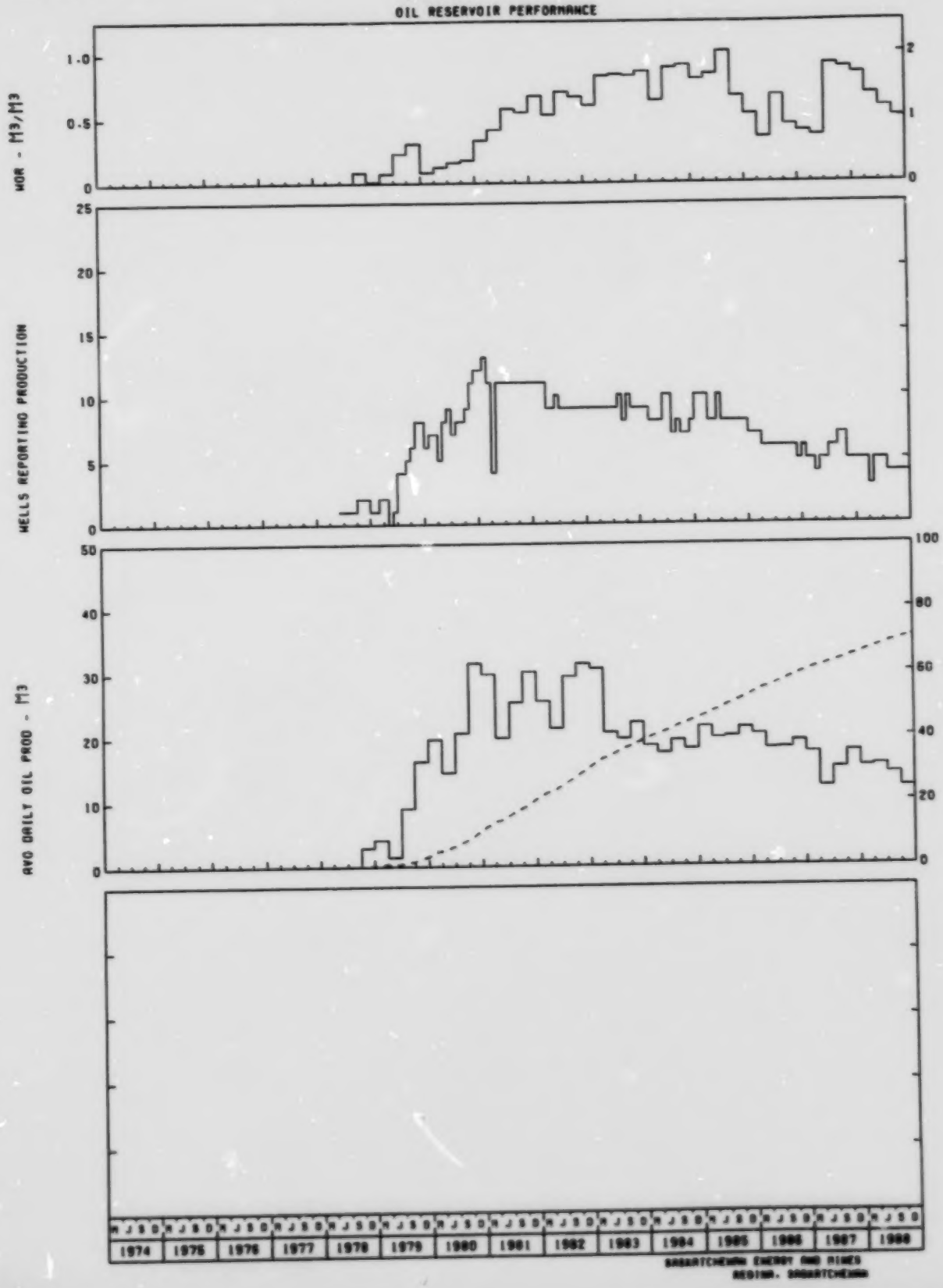
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS EAST MCLAREN SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



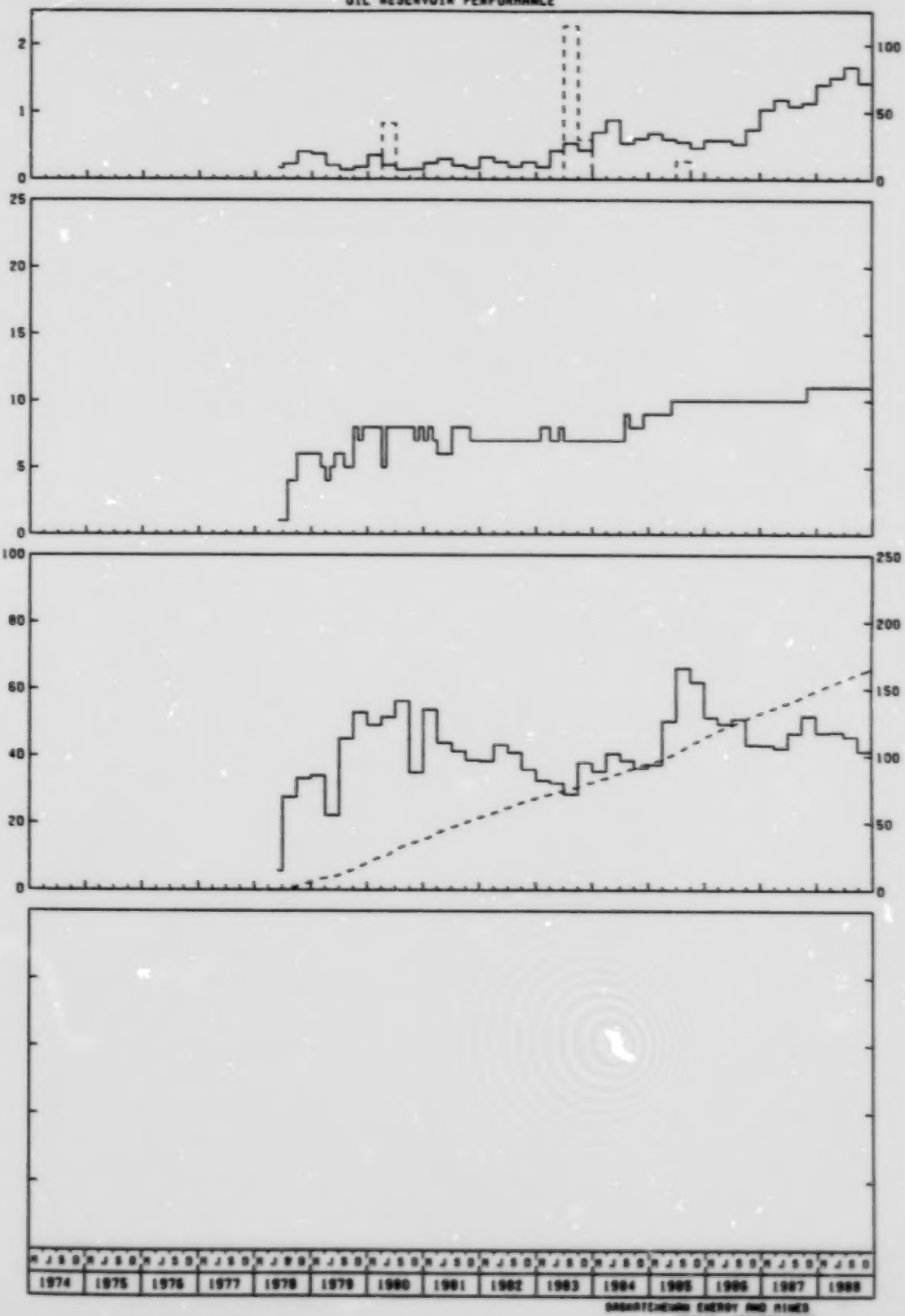
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS GP SAND POOL

TANGLEFLAGS VOL UNIT NO 3

OIL RESERVOIR PERFORMANCE



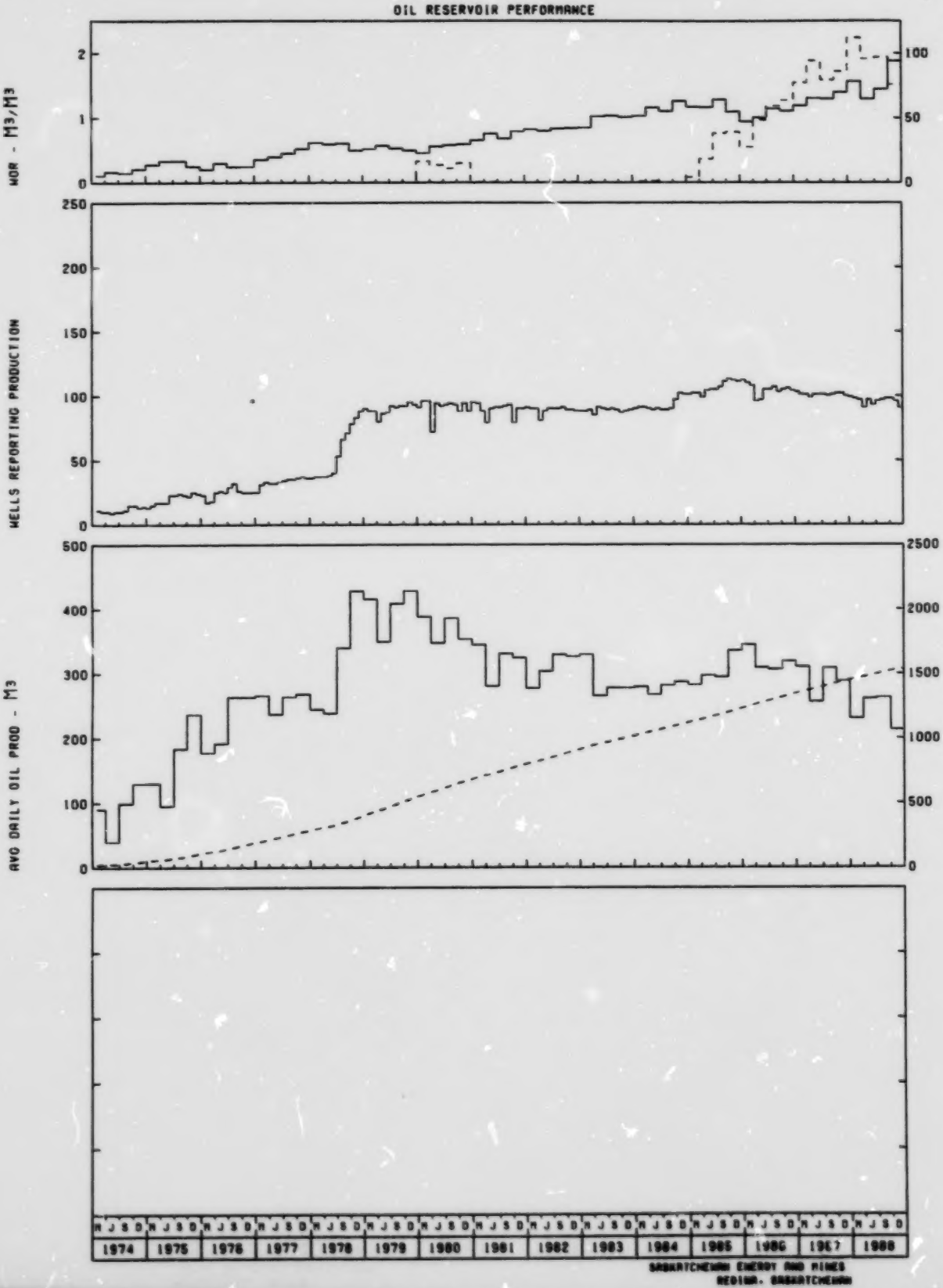
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



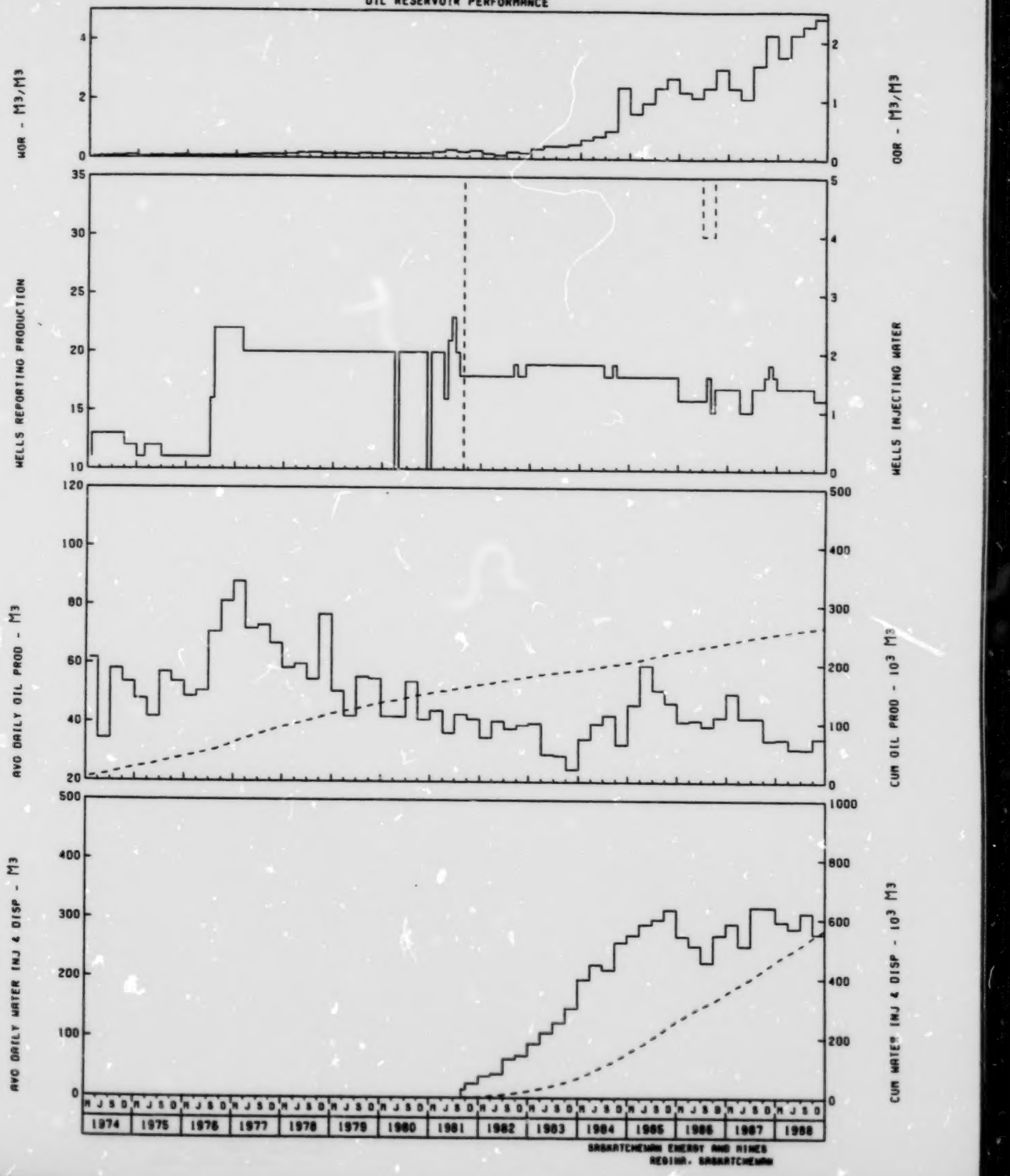
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS LLOYDMINSTER SAND PL

TANGLEFLAGS VOL UNIT NO 2

OIL RESERVOIR PERFORMANCE



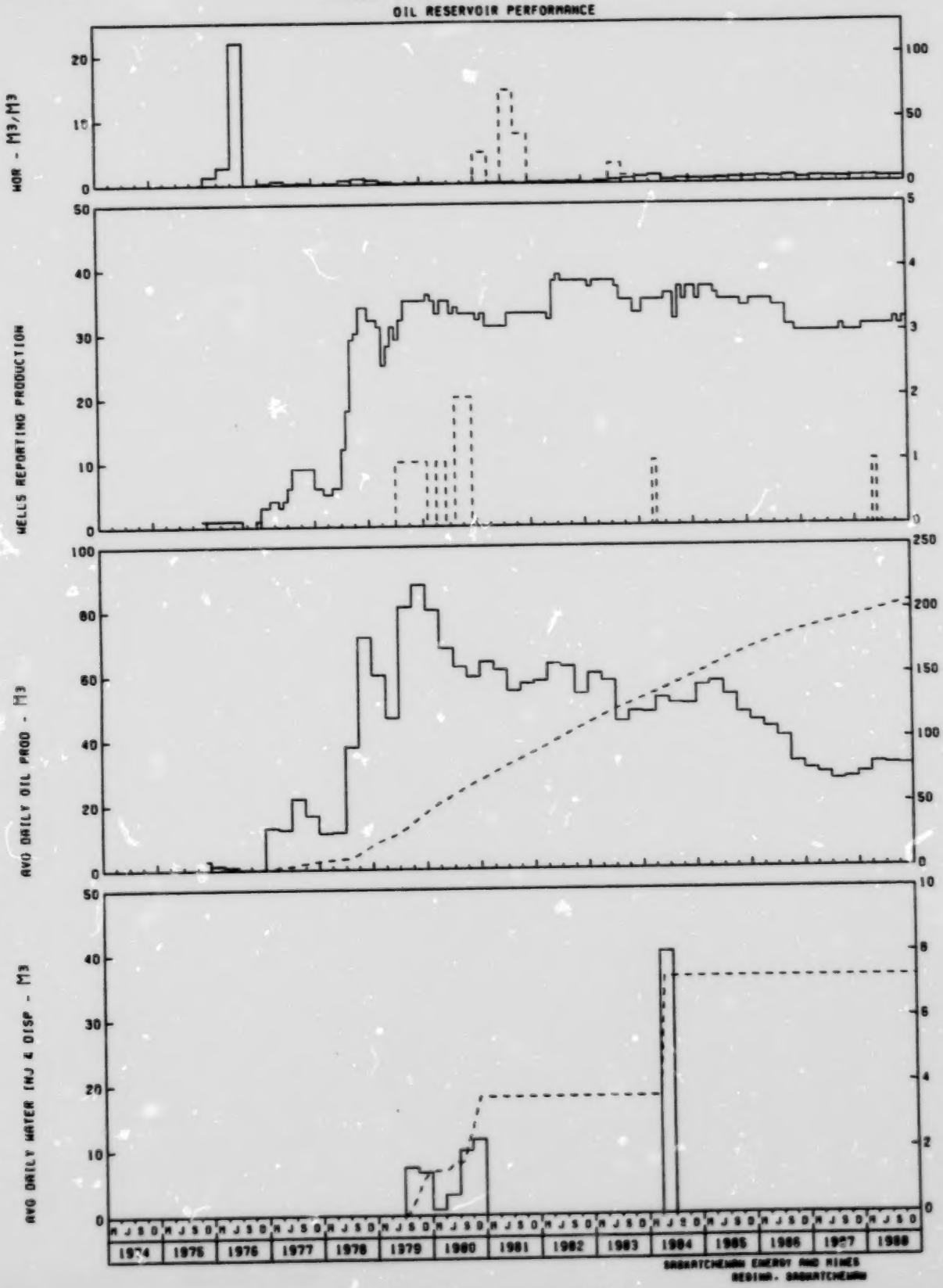
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS LLOYDMINSTER SAND PL

TANGLEFLAGS VOL UNIT NO 3

OIL RESERVOIR PERFORMANCE

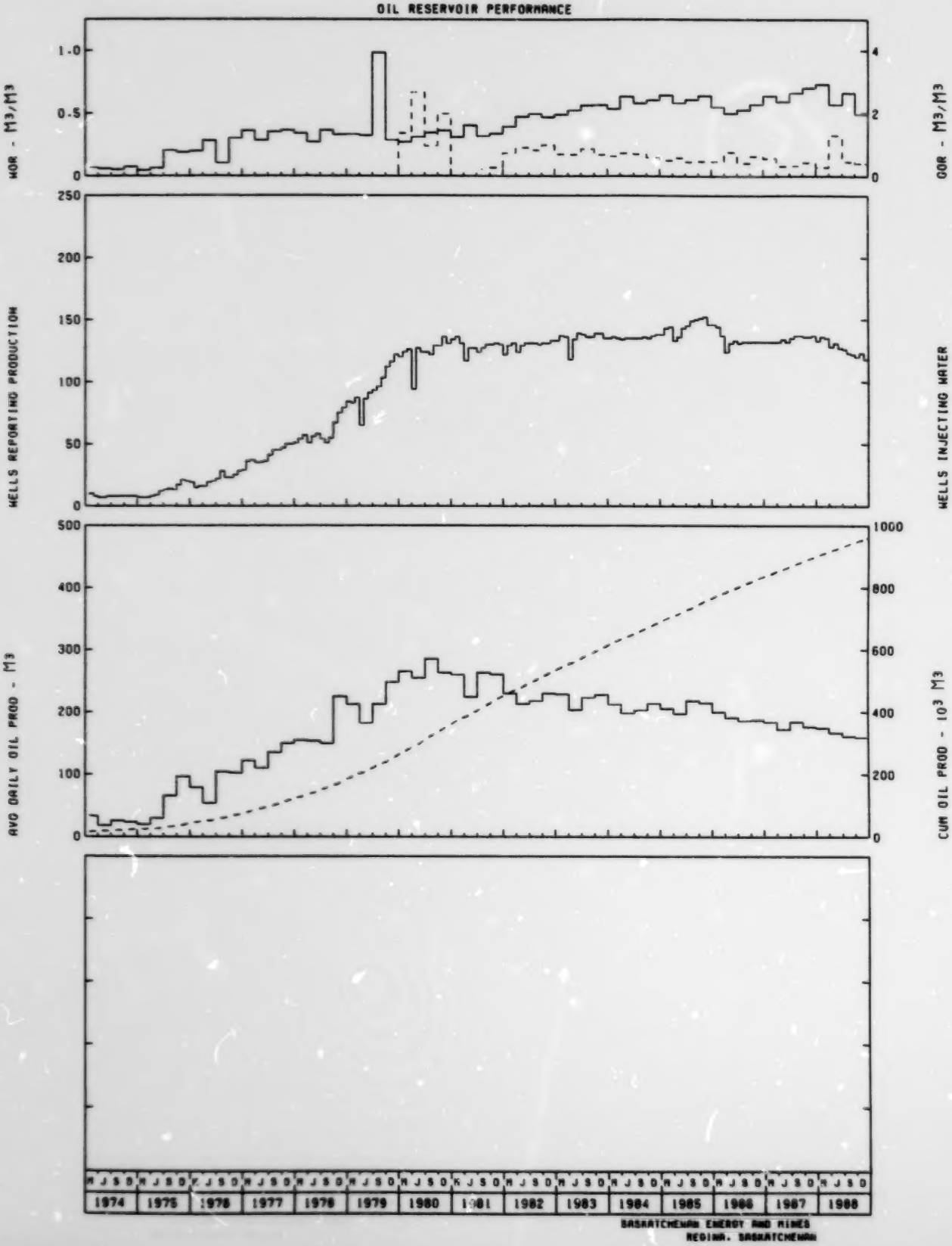


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS LLOYDMINSTER SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



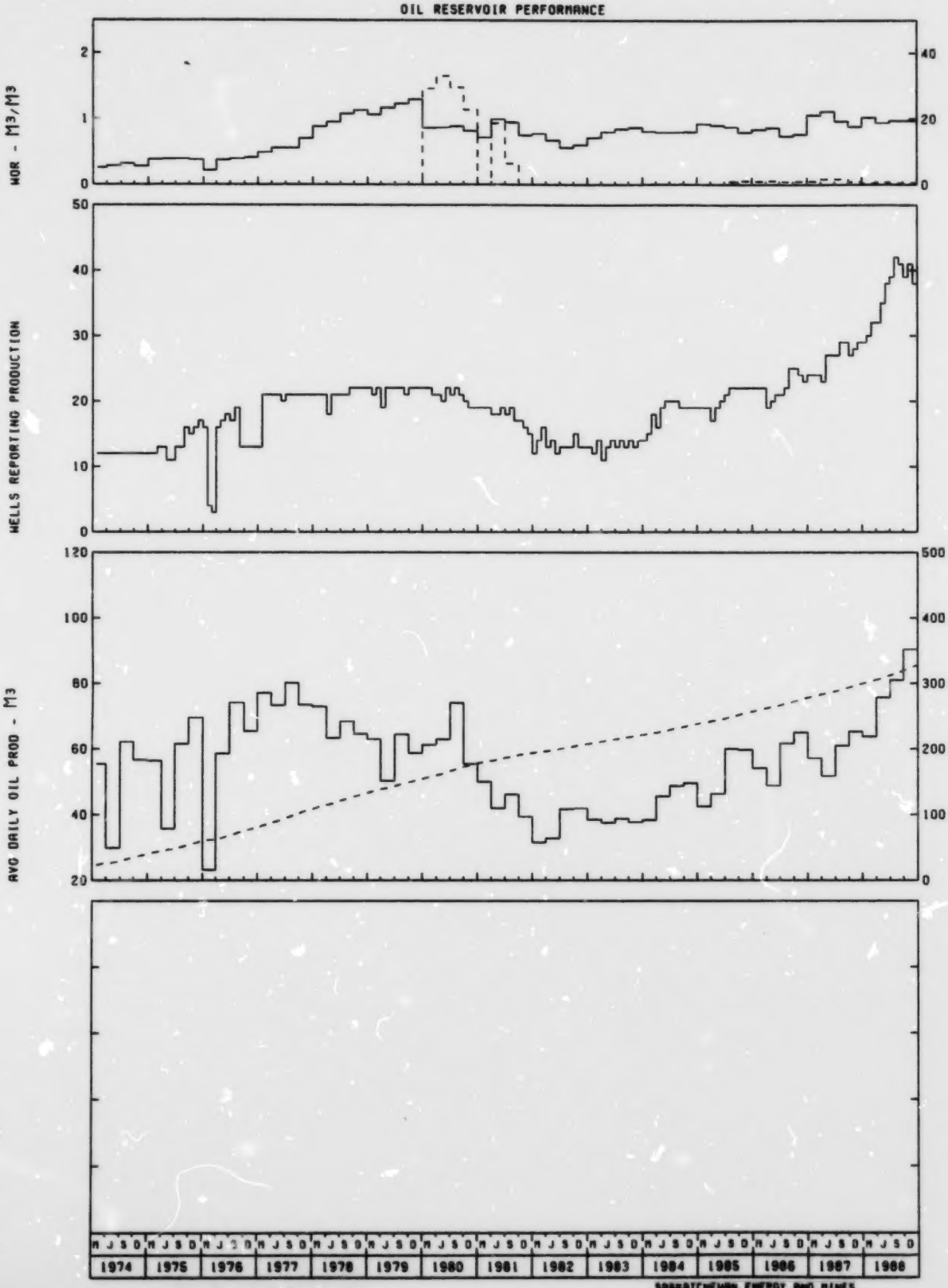
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



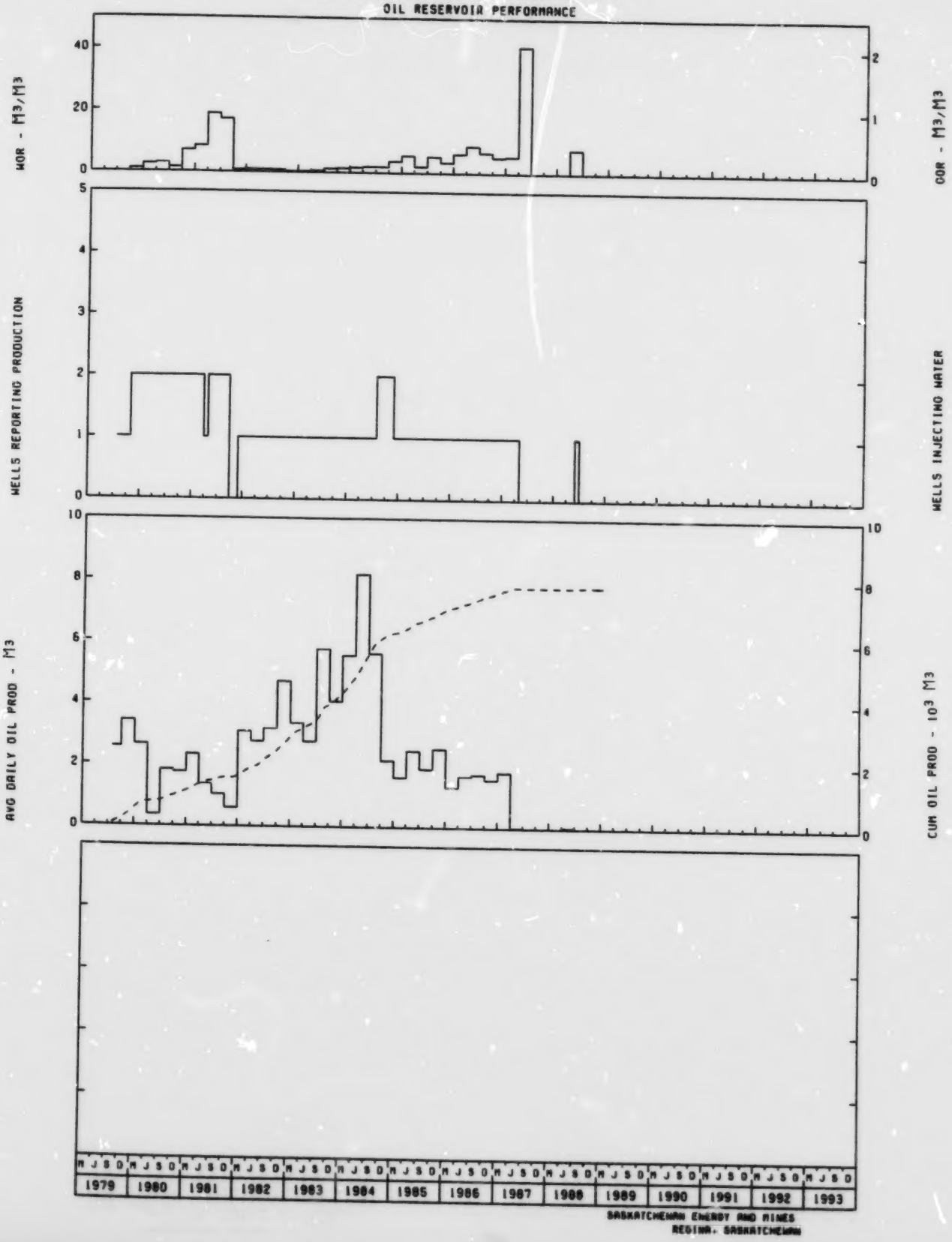
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS MCLAREN SAND POOL

TANGLEFLAGS VOL UNIT NO 3

OIL RESERVOIR PERFORMANCE



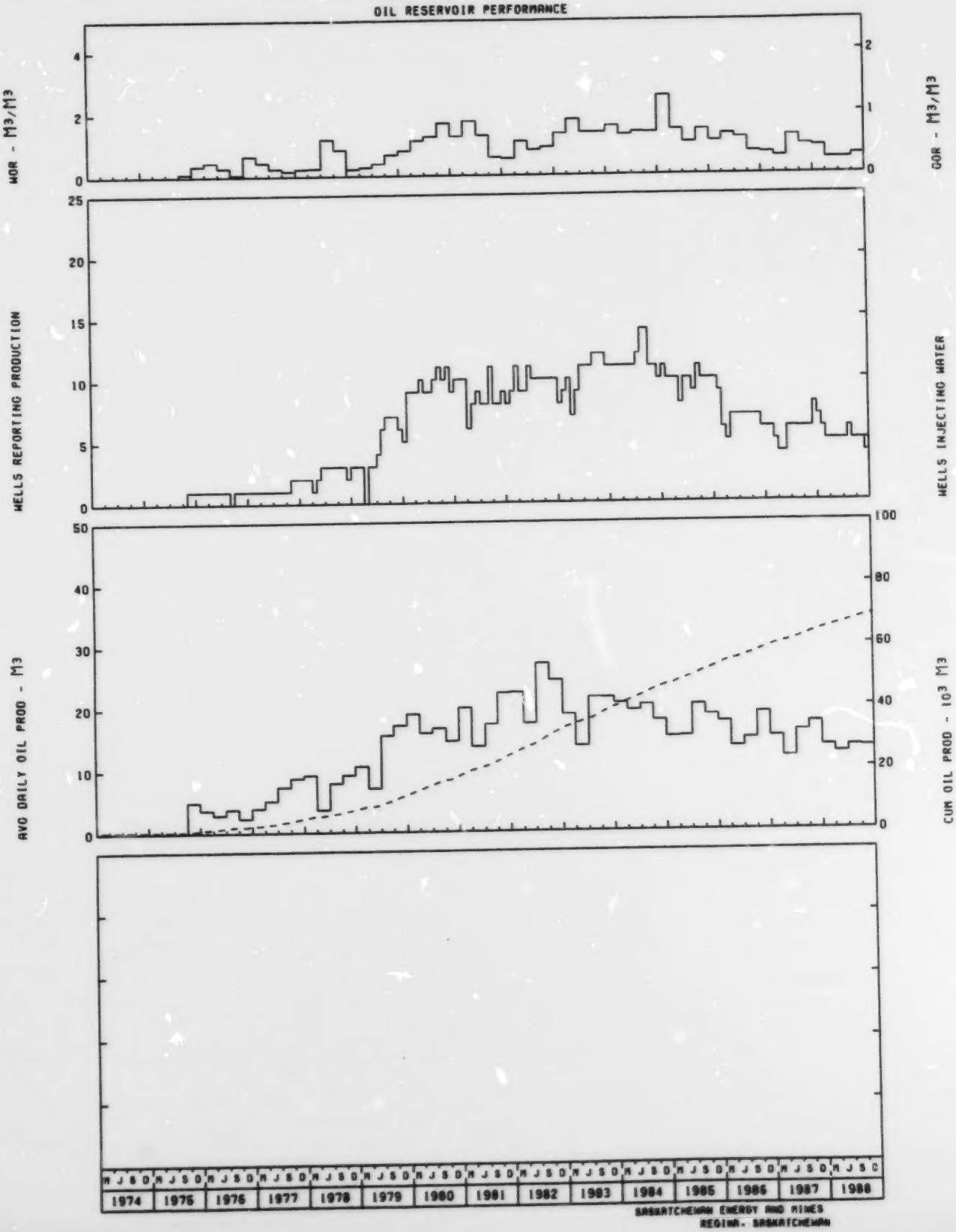
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS MCLAREN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



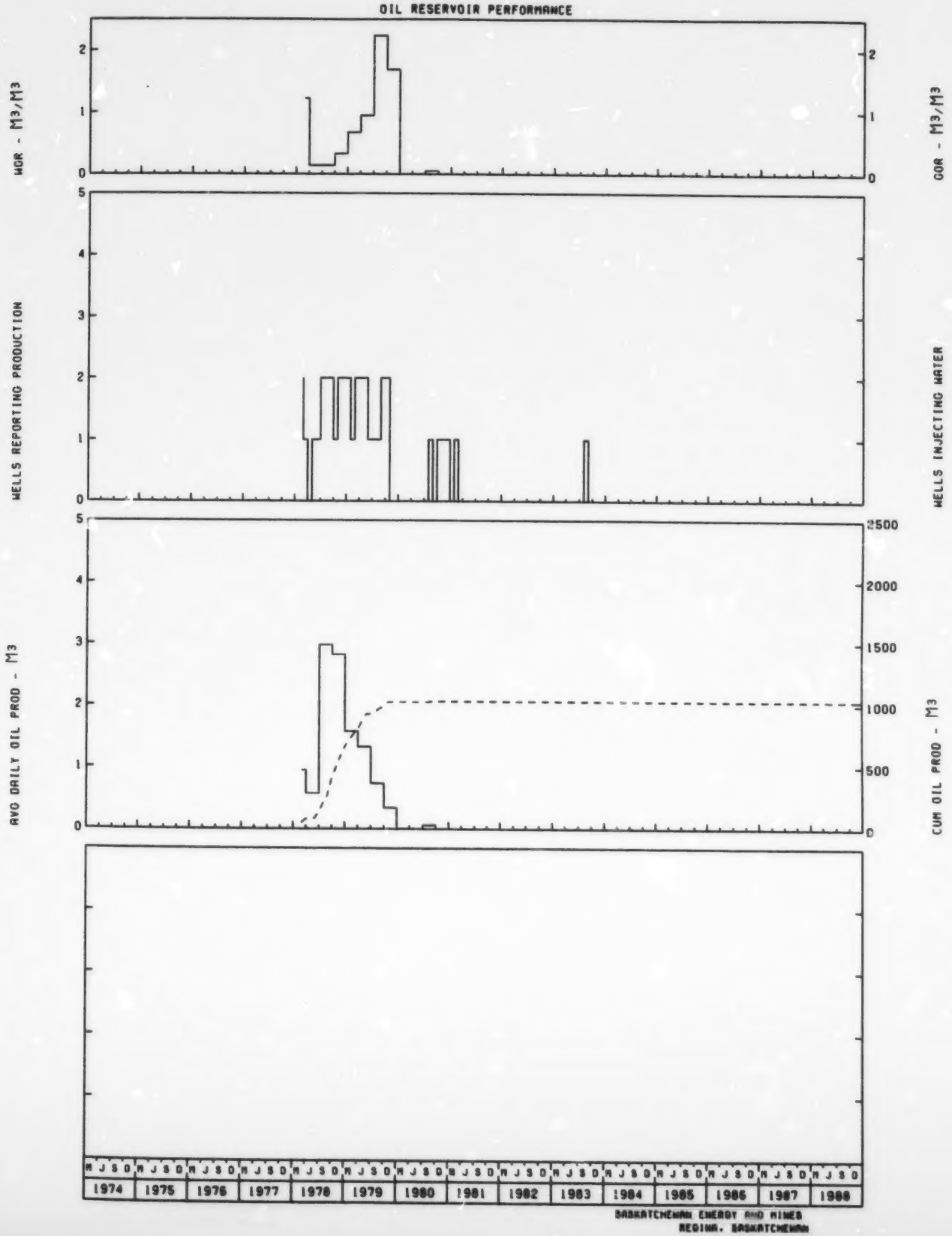
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS NORTH CUMMINGS SD PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



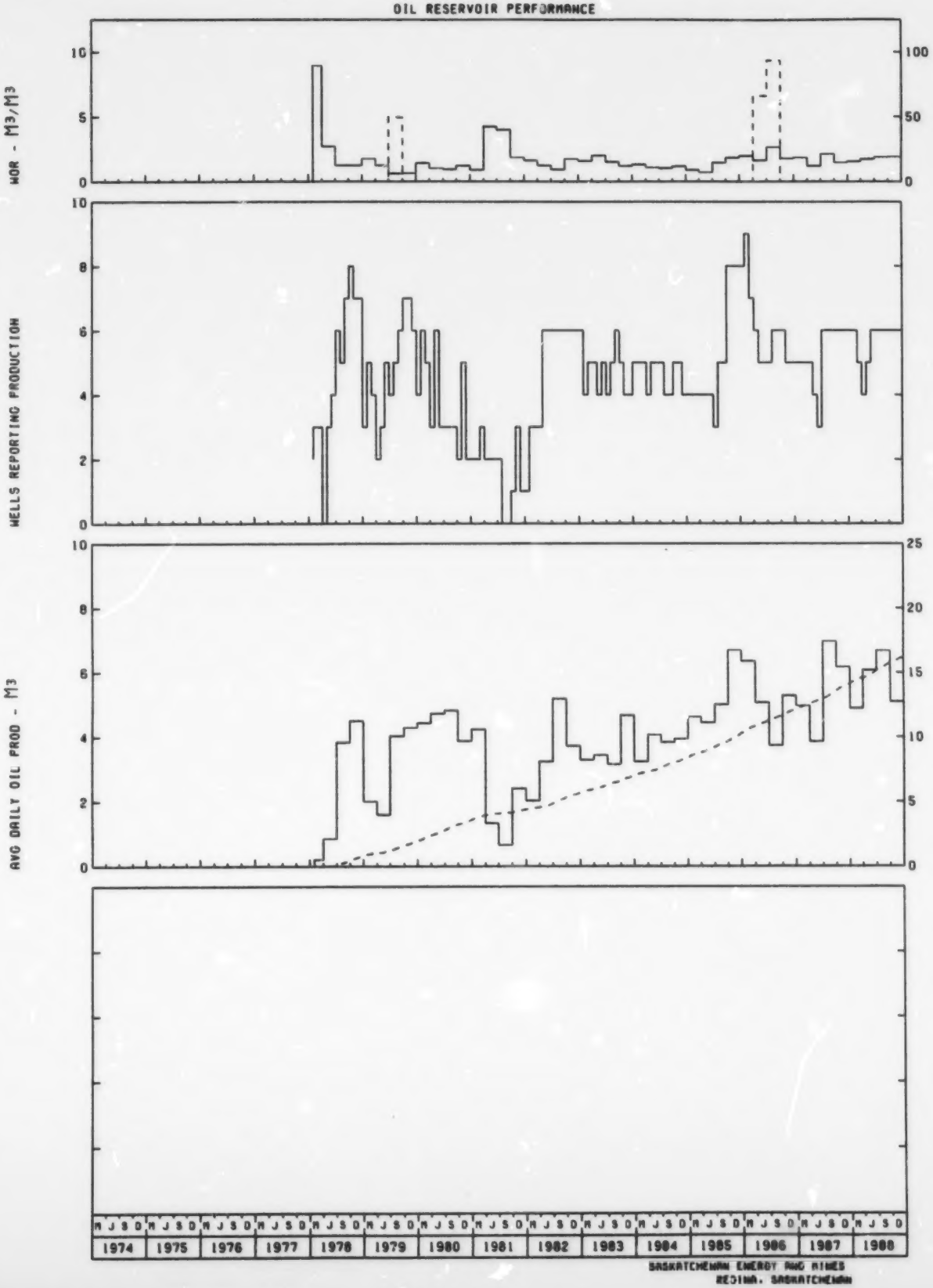
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS NORTH GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



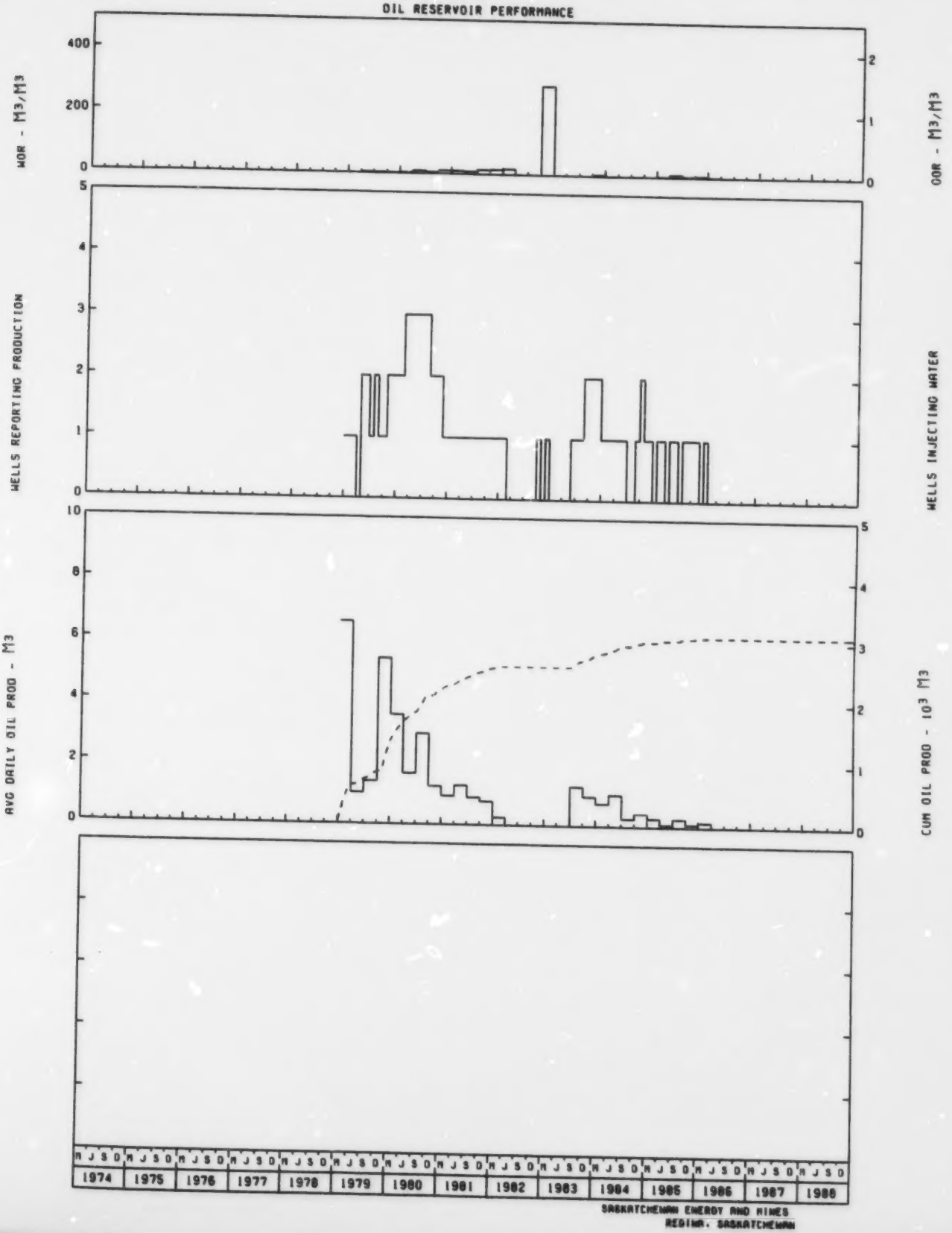
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS NORTH LLOYD SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

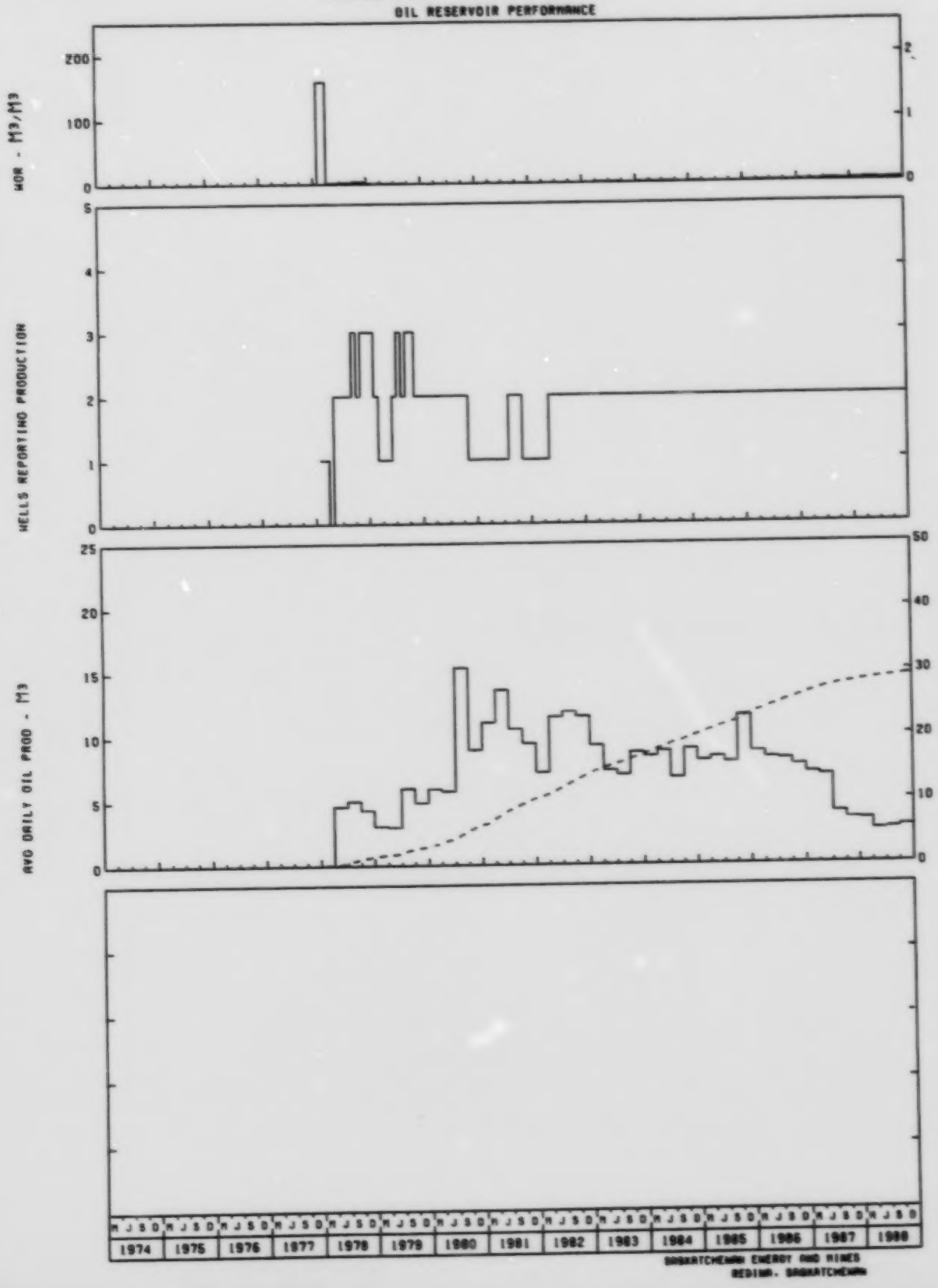


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

TANGLEFLAGS SPARKY SAND POOL

TANGLEFLAGS VOL UNIT NO 3

OIL RESERVOIR PERFORMANCE

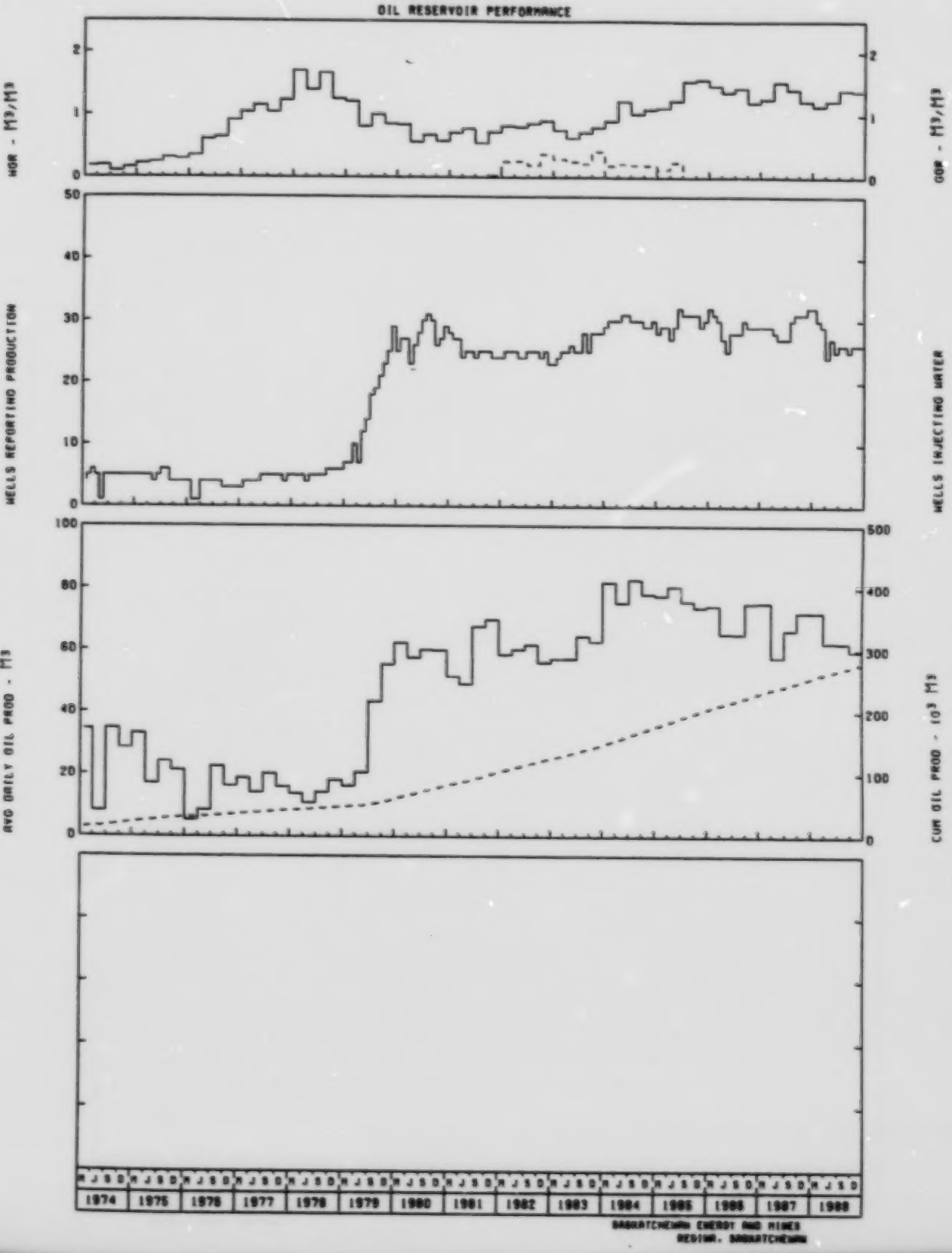


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



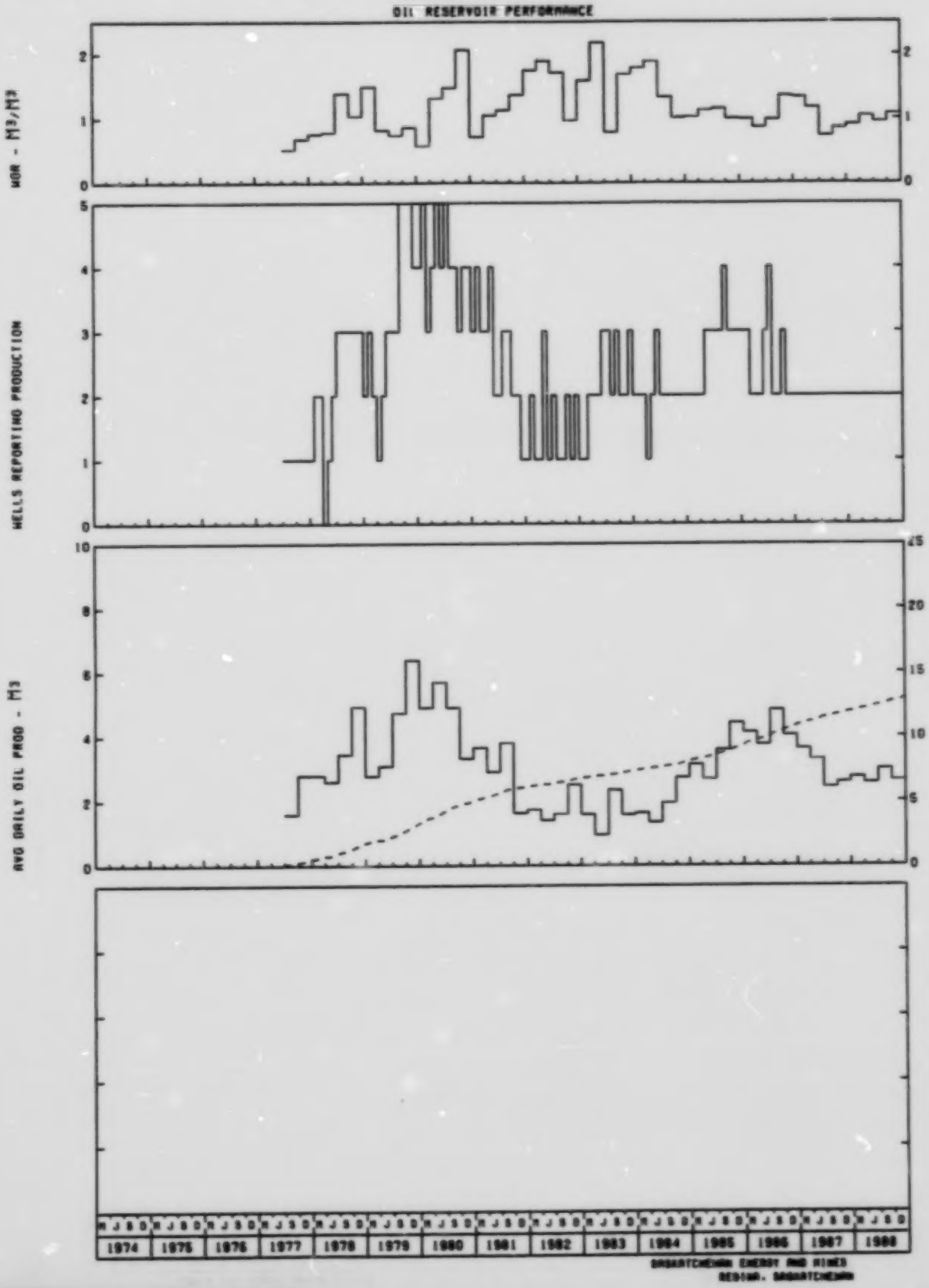
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS WEST GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



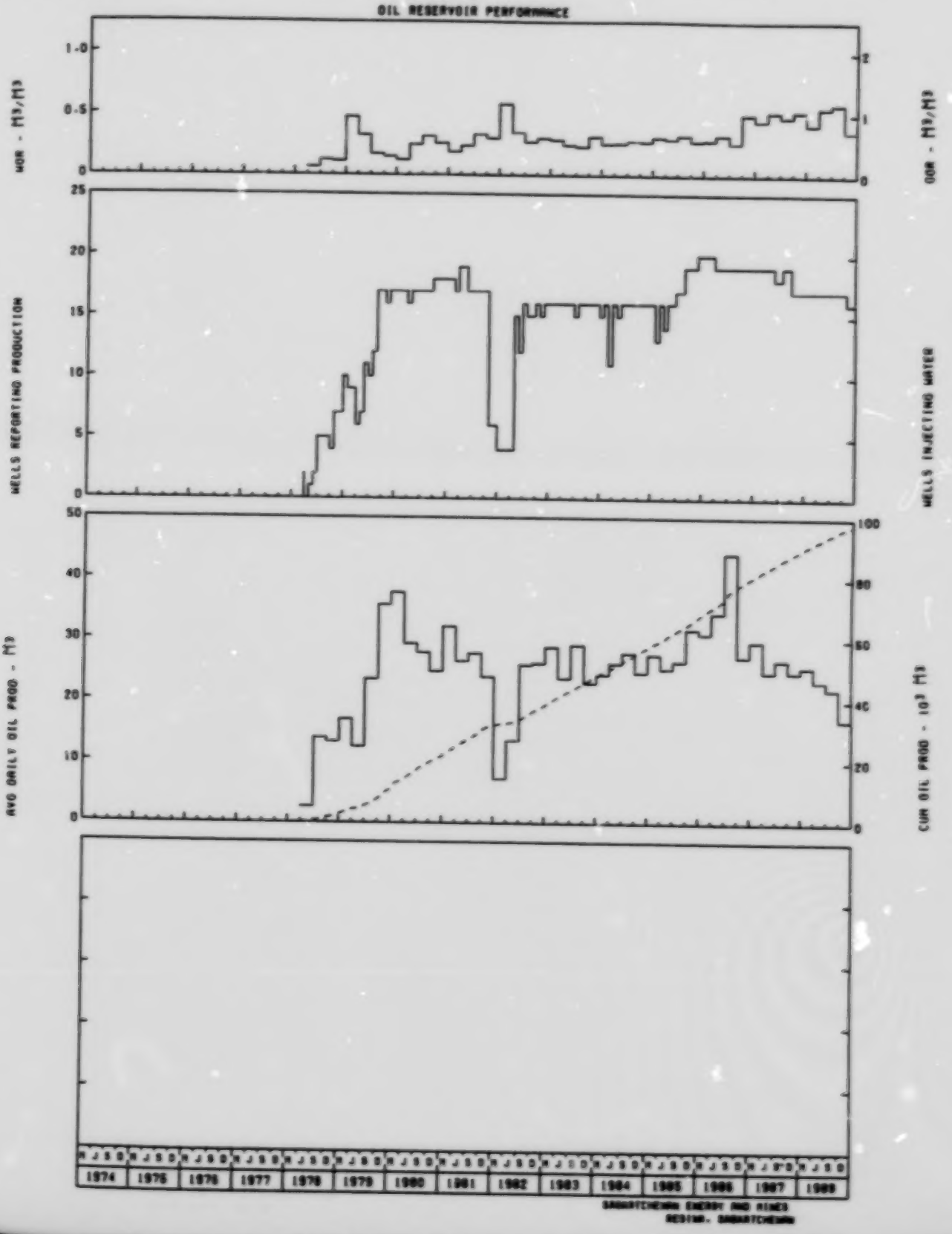
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS WEST LLOYDMINSTER SD

NON-UNITS

OIL RESERVOIR PERFORMANCE



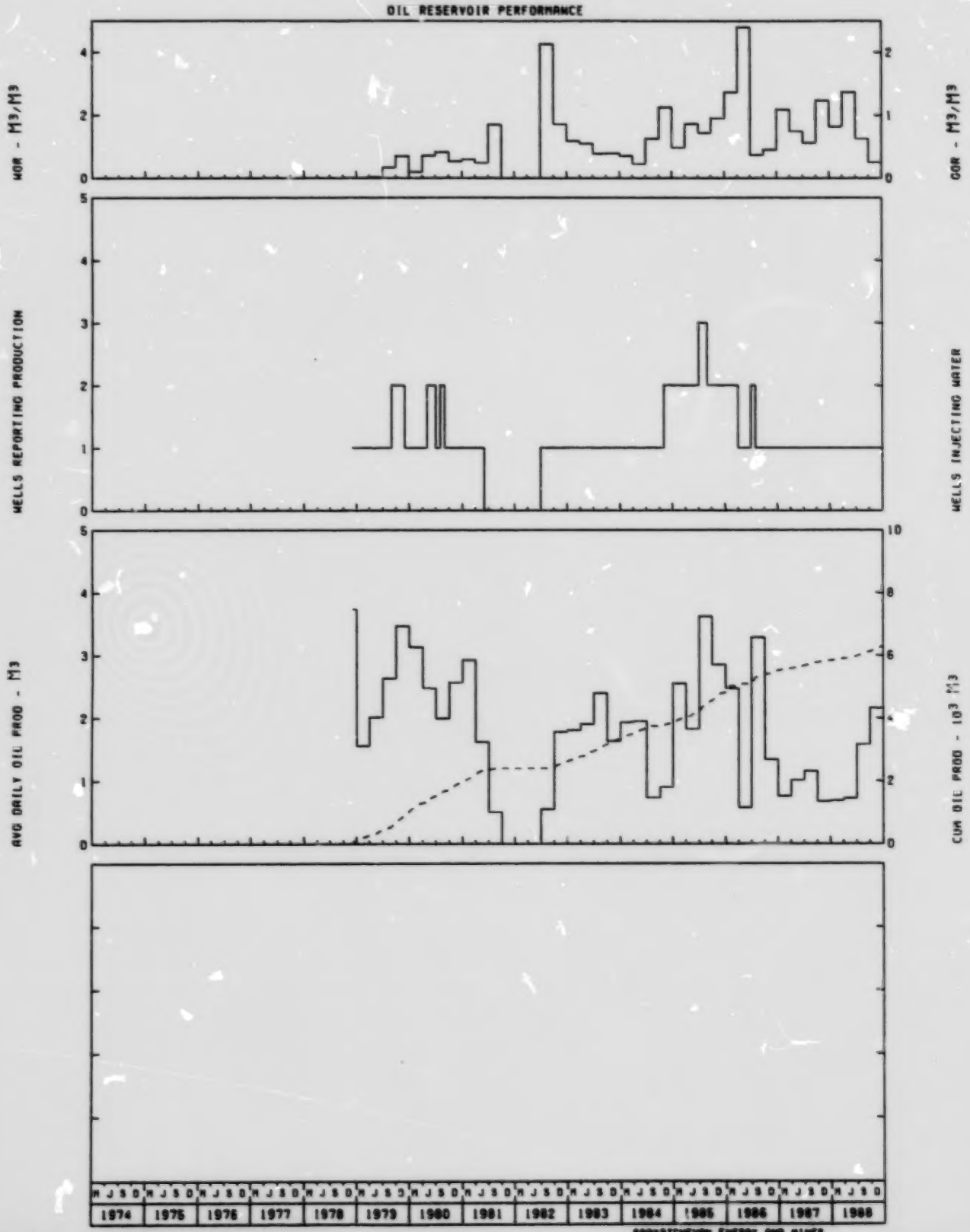
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALE: ——
RIGHT HAND SCALE: - - -

TANGLEFLAGS WEST MCLAREN SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



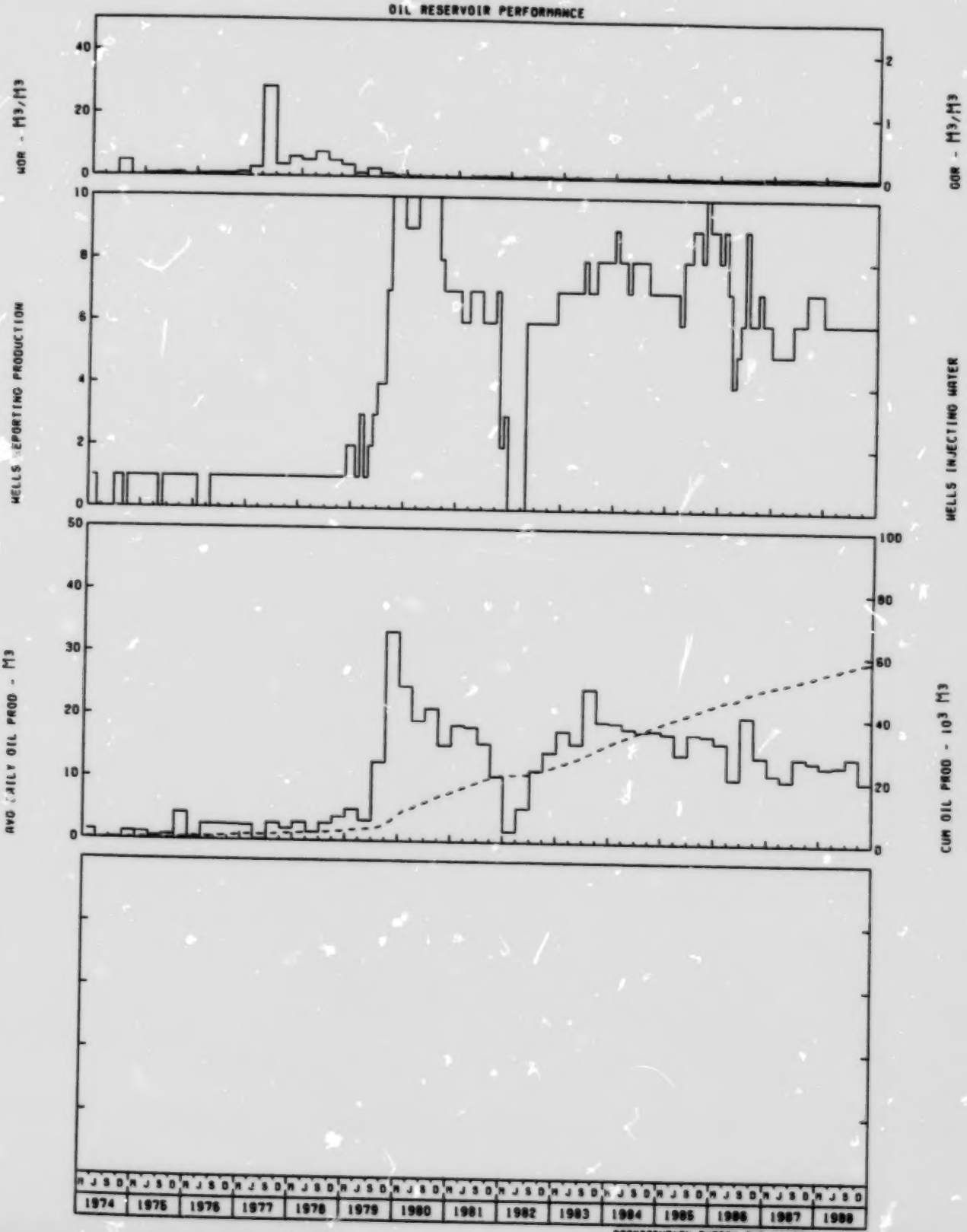
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS WEST SPARKY SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



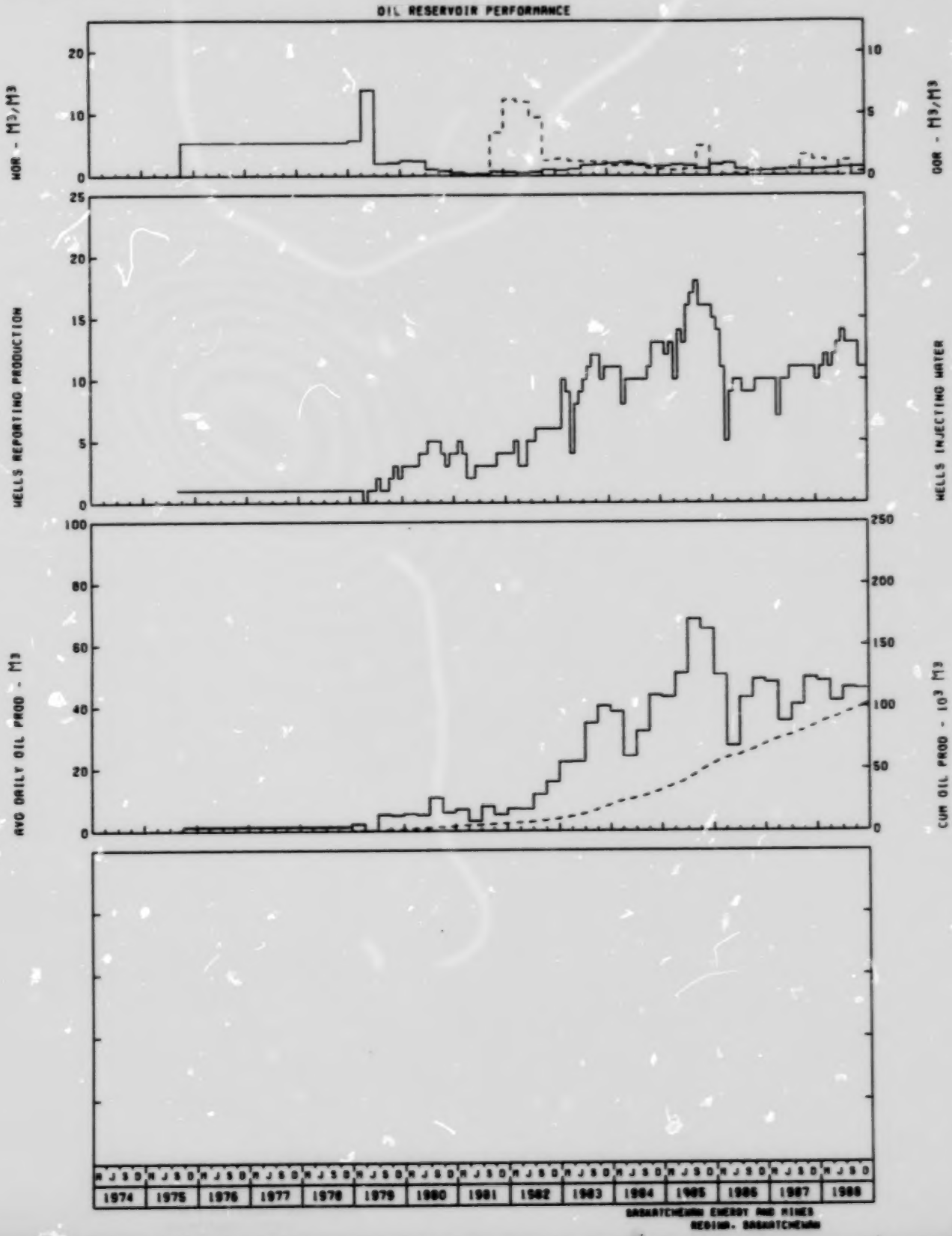
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WESTHAZEL GP SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



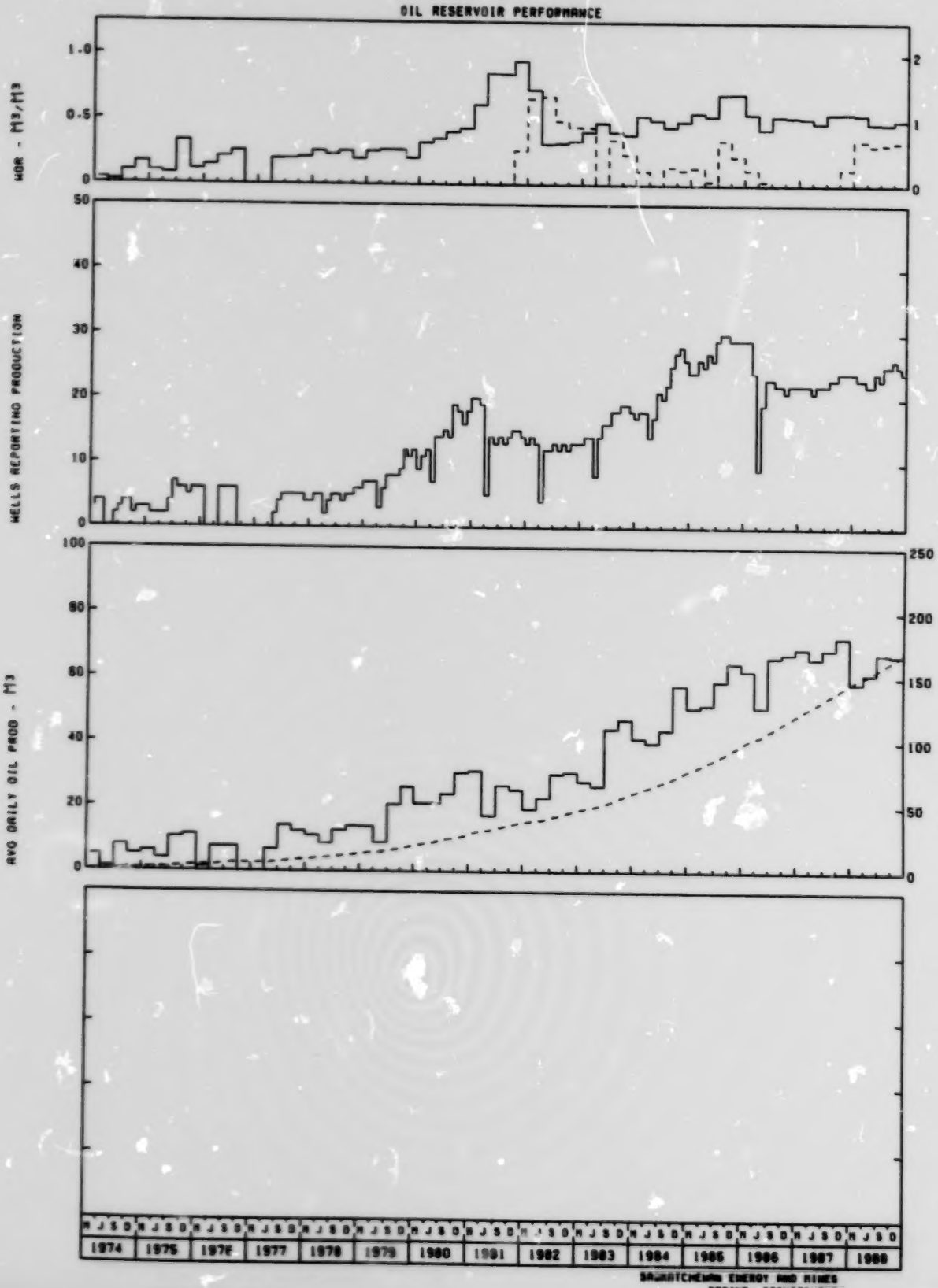
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

WESTHAZEL SPARKY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



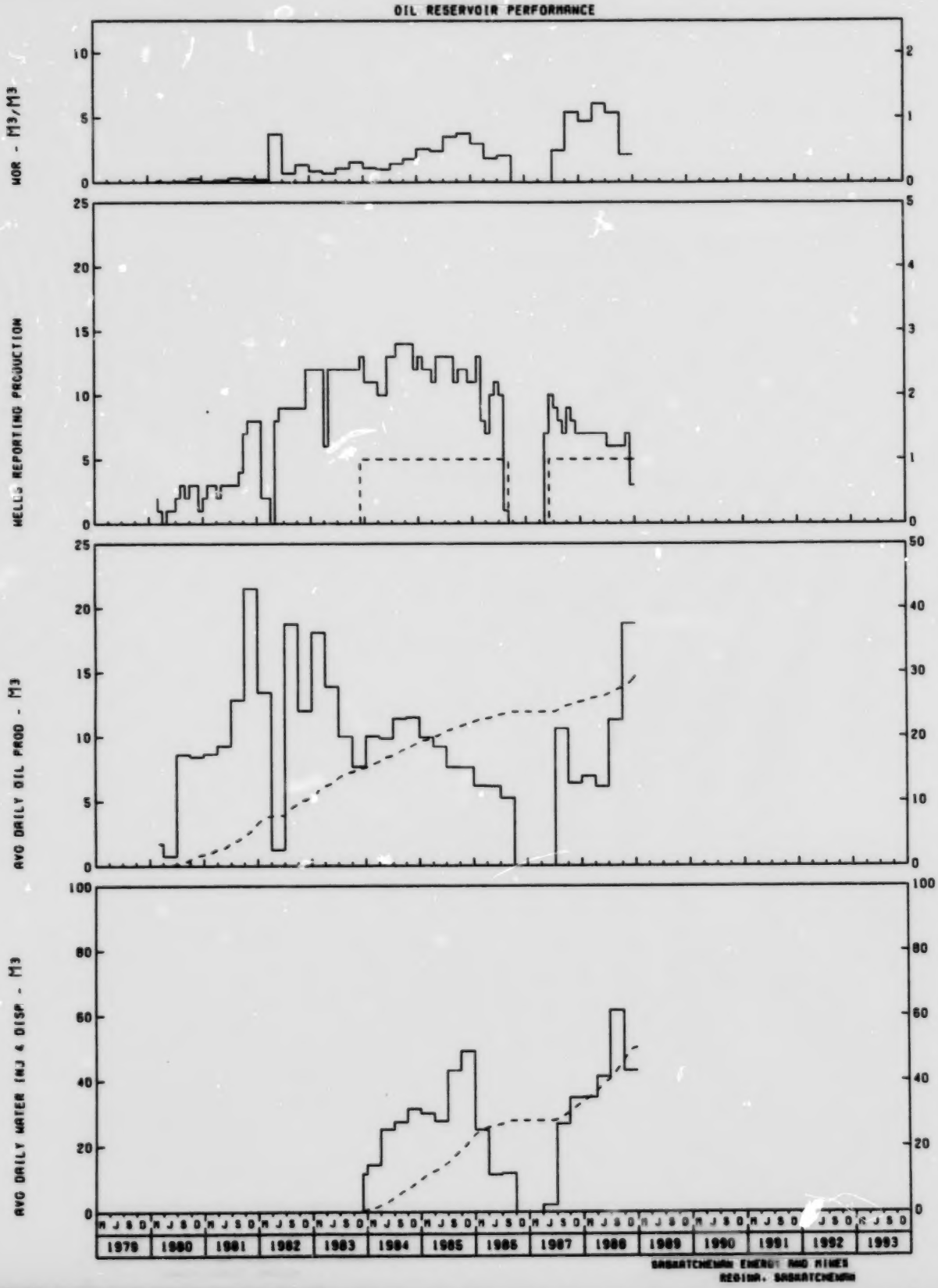
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WINTER CUMMINGS SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



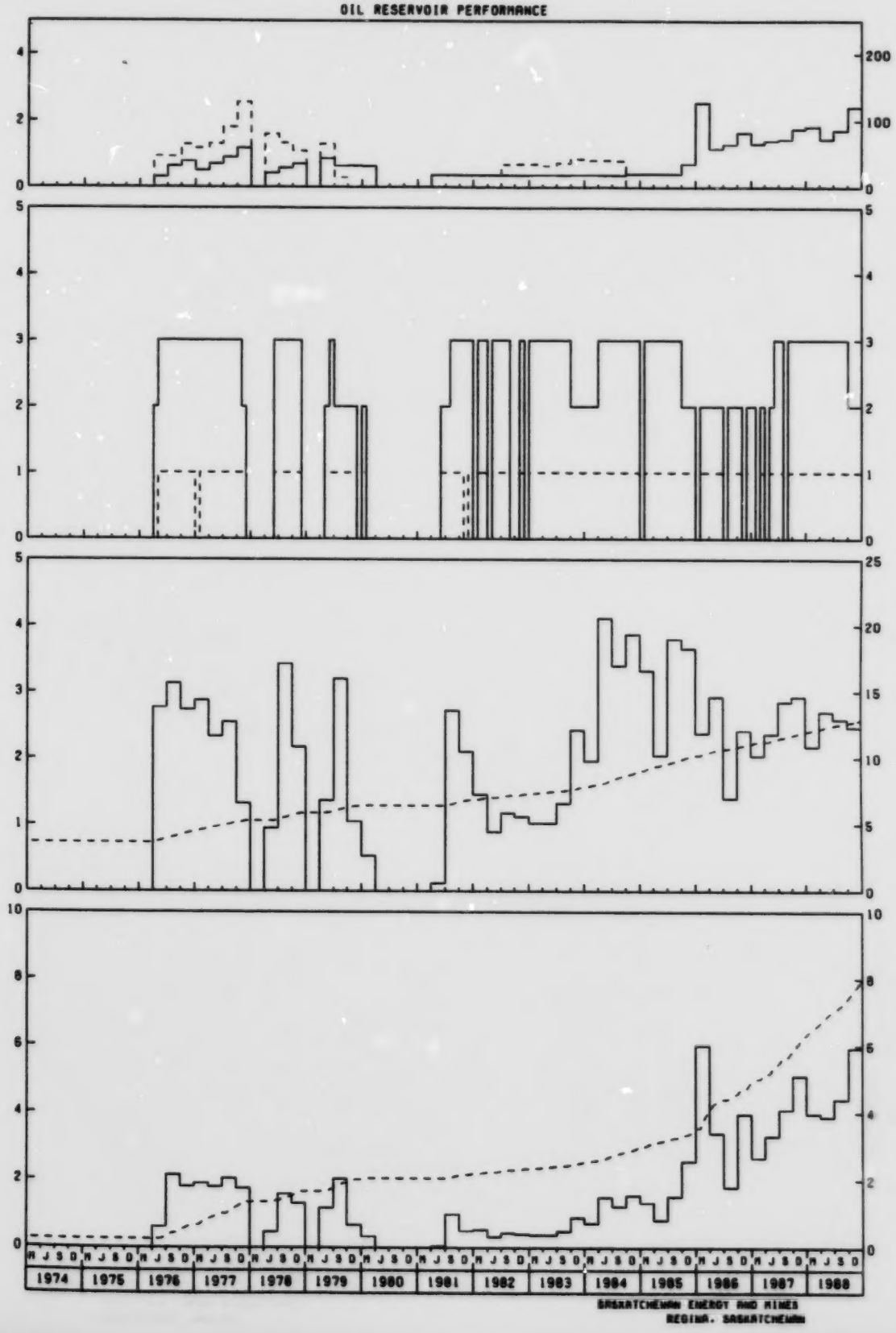
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ALSASK BASAL BLAIRMORE SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



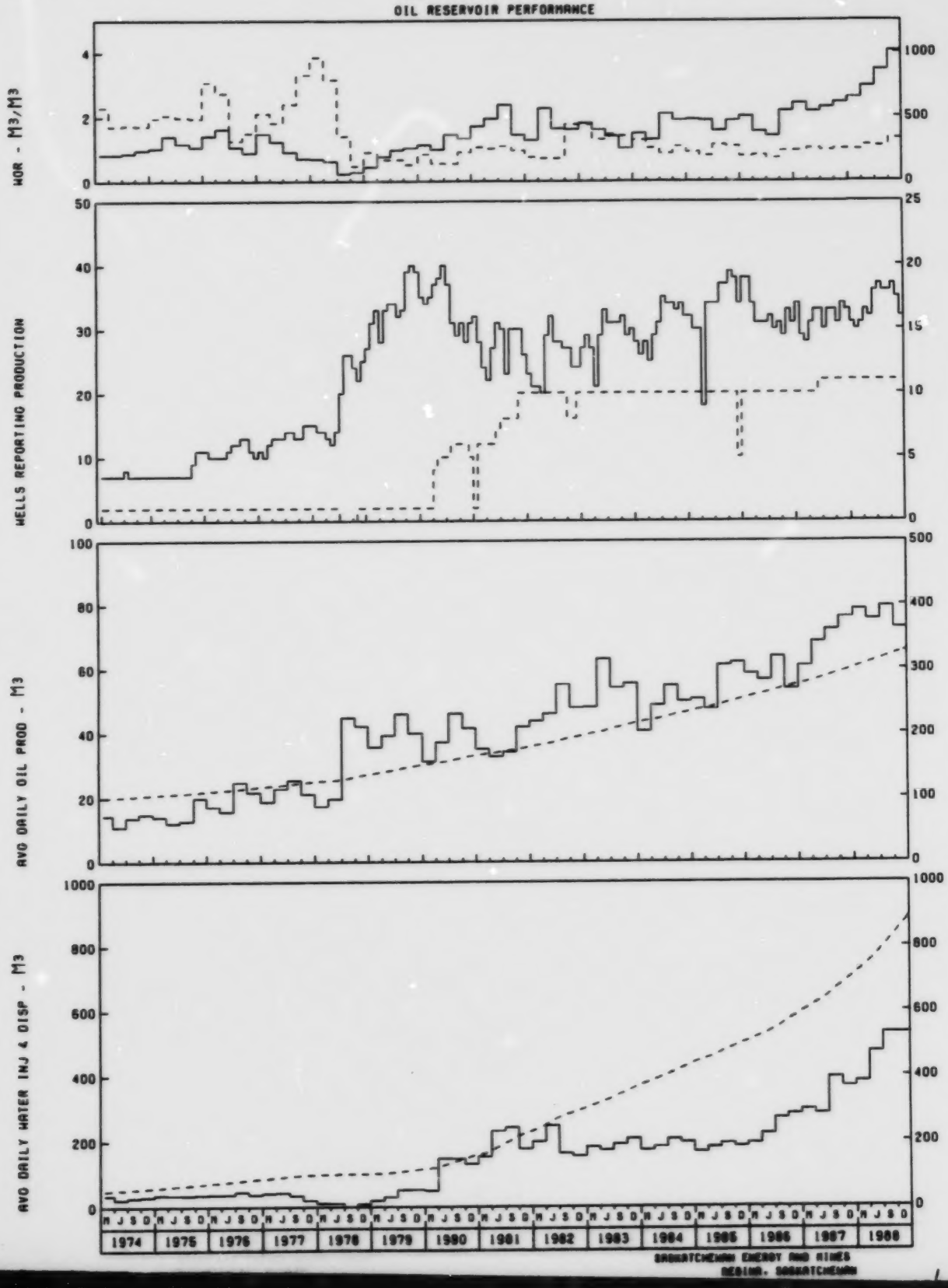
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BUFFALO COULEE BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



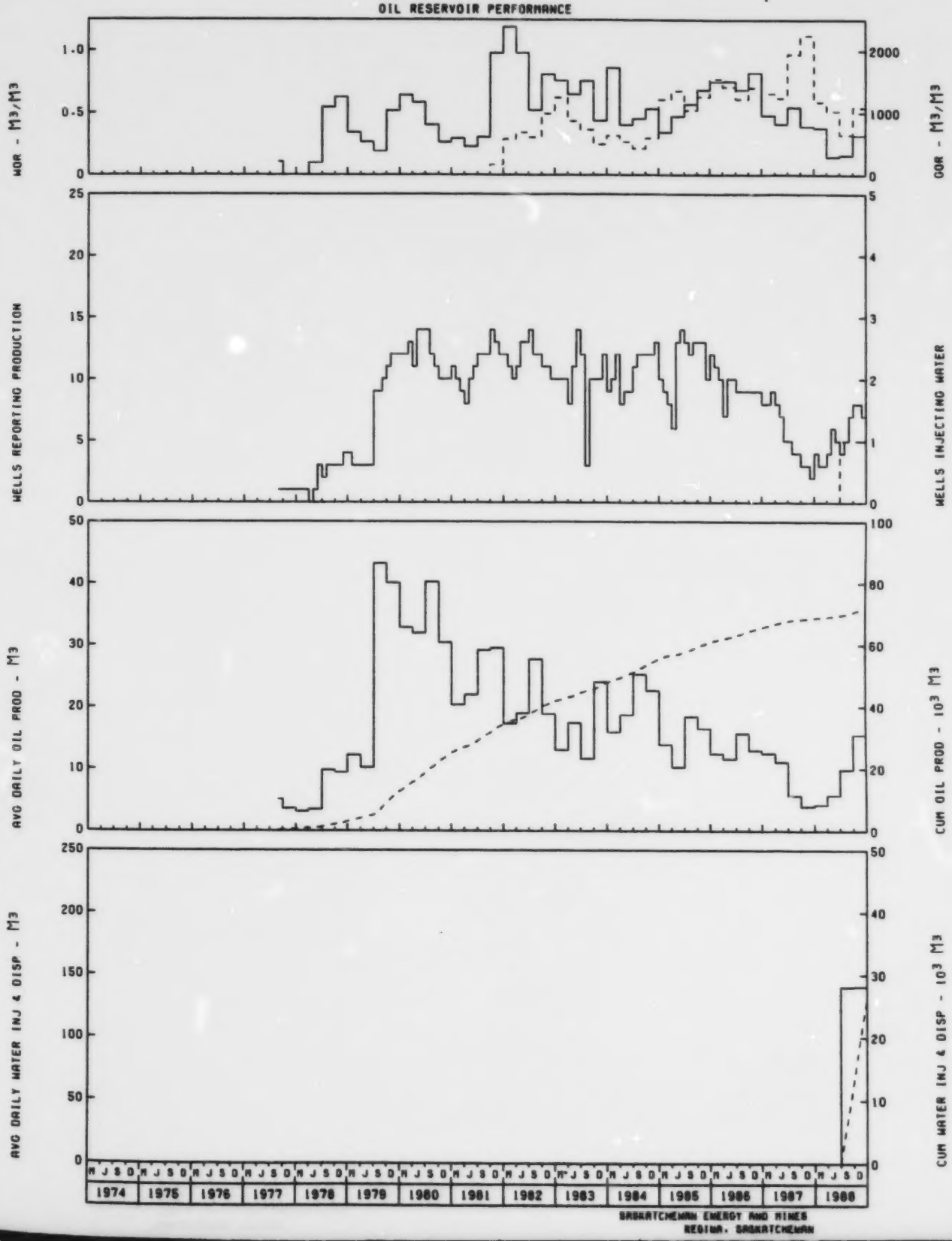
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BUFFALO COULEE NORTH BAKKEN SAND

NON-UNITS

OIL RESERVOIR PERFORMANCE



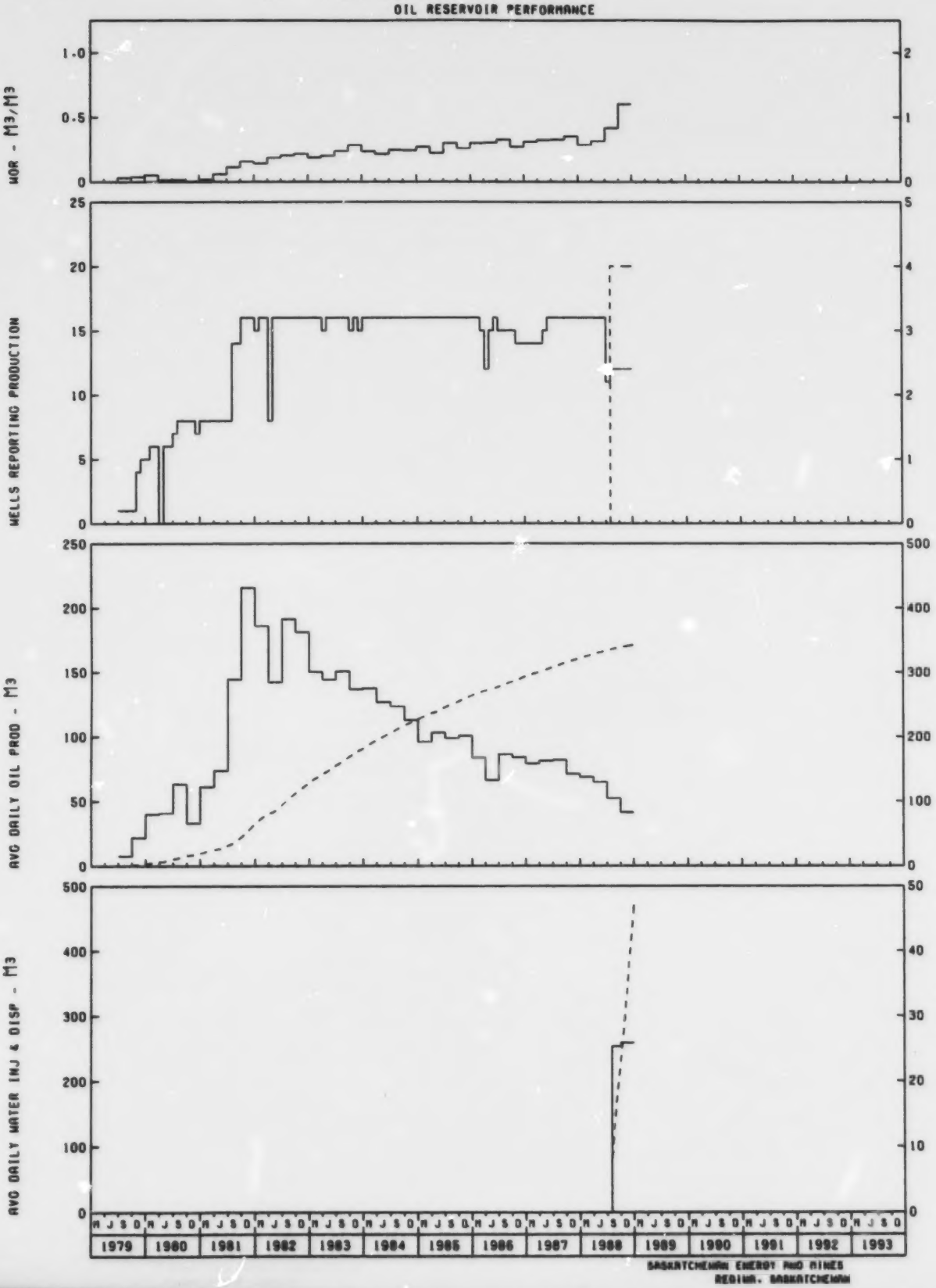
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CACTUS LAKE BSL MANN BAKKEN SAND

CACTUS LAKE VOL U NO 1

OIL RESERVOIR PERFORMANCE



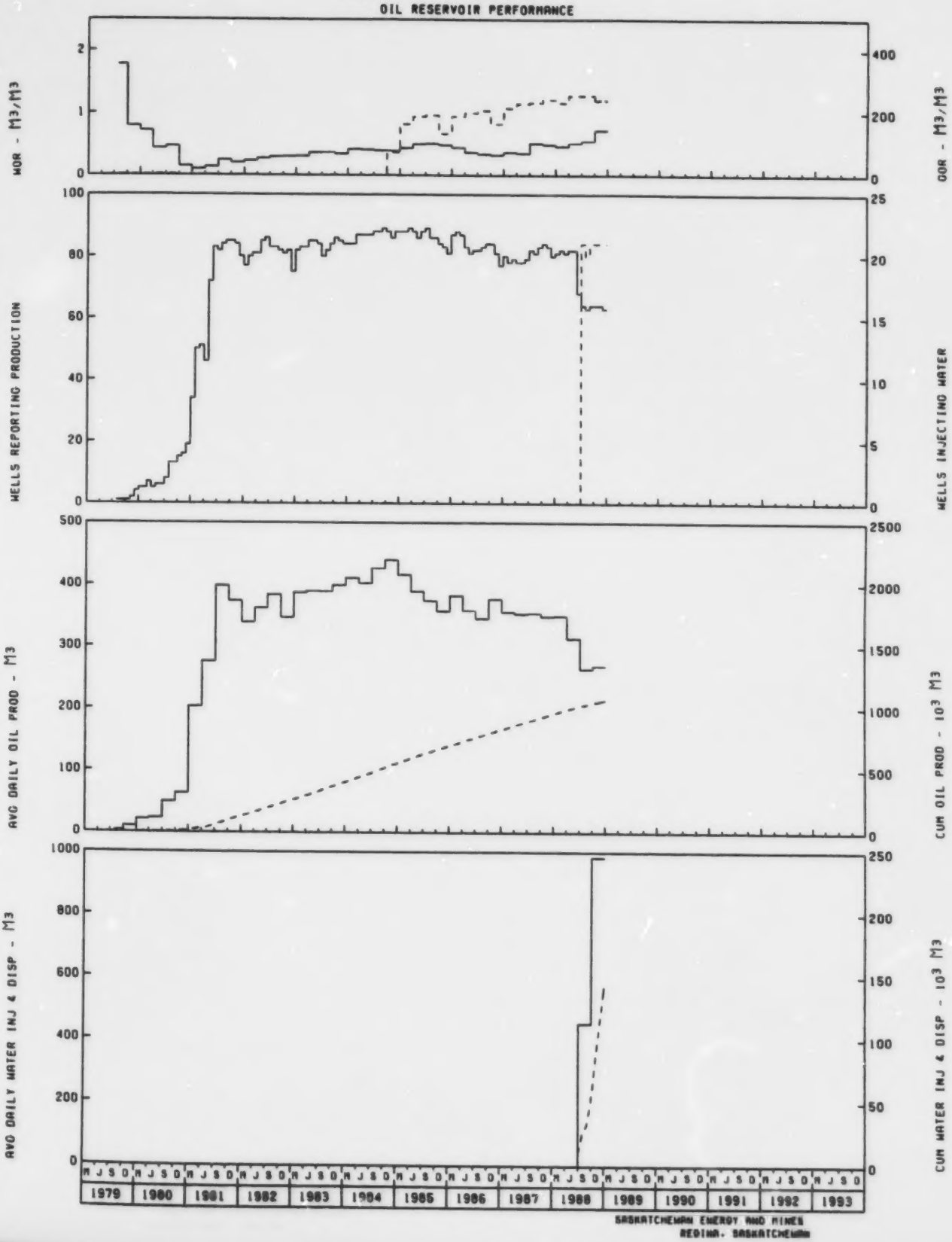
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CACTUS LAKE BSL MANN BAKKEN SAND

CACTUS LAKE VOL U 2

OIL RESERVOIR PERFORMANCE



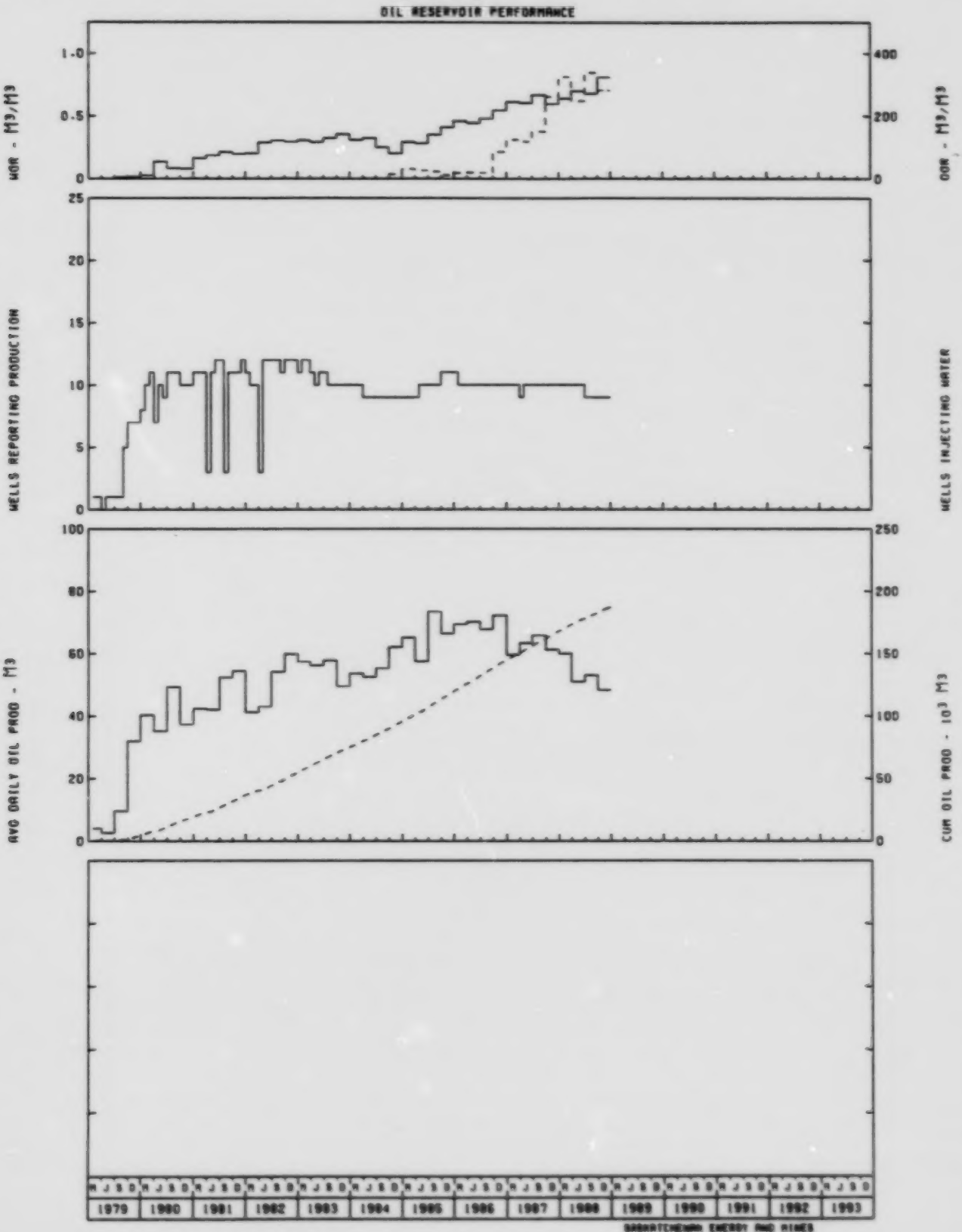
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CACTUS LAKE BSL MANN BAKKEN SAND

NON-UNITS

OIL RESERVOIR PERFORMANCE



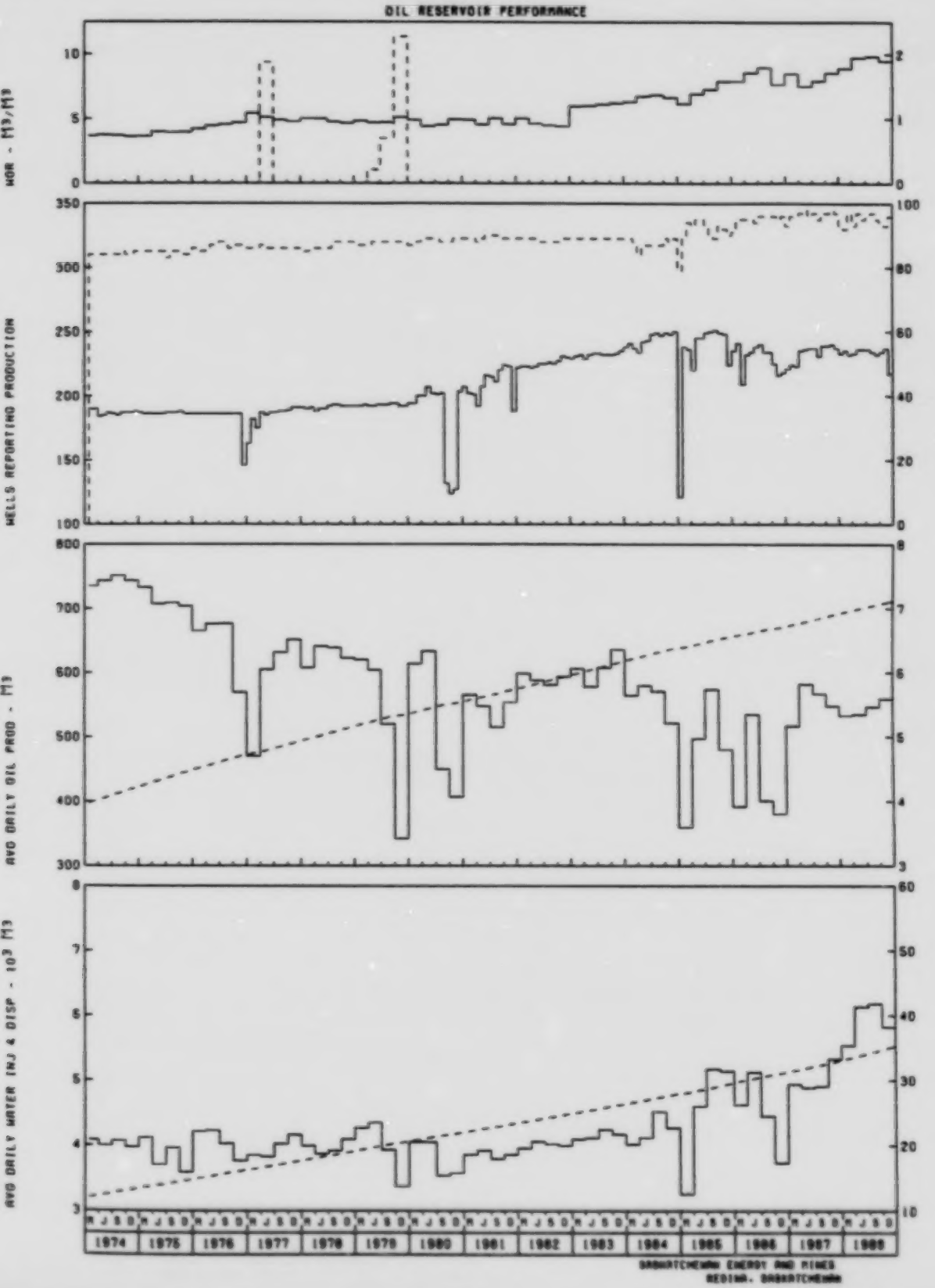
ALBERTA ENERGY AND MINES
REGINA, SASKATCHEWAN

COLEVILLE BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



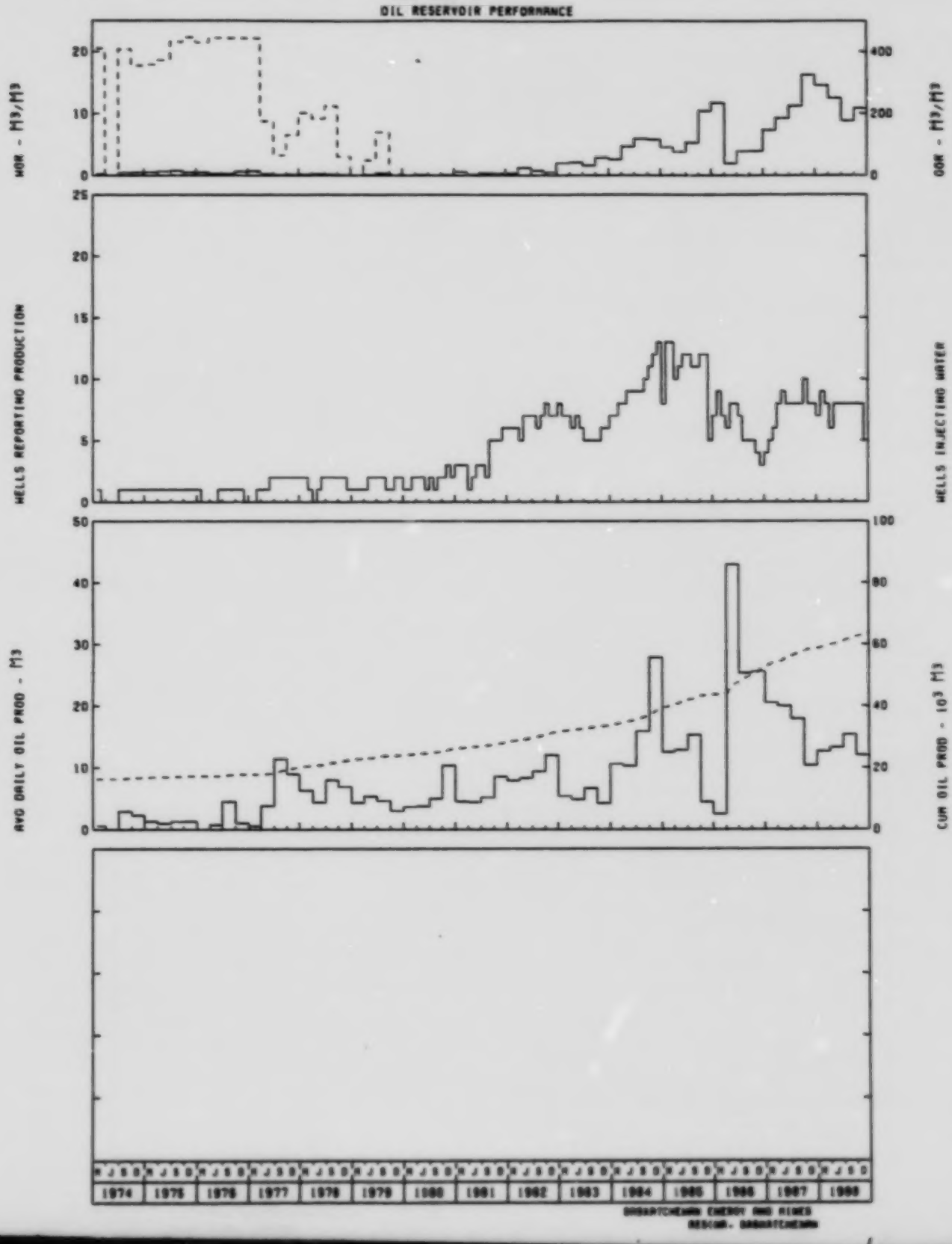
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLEVILLE MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

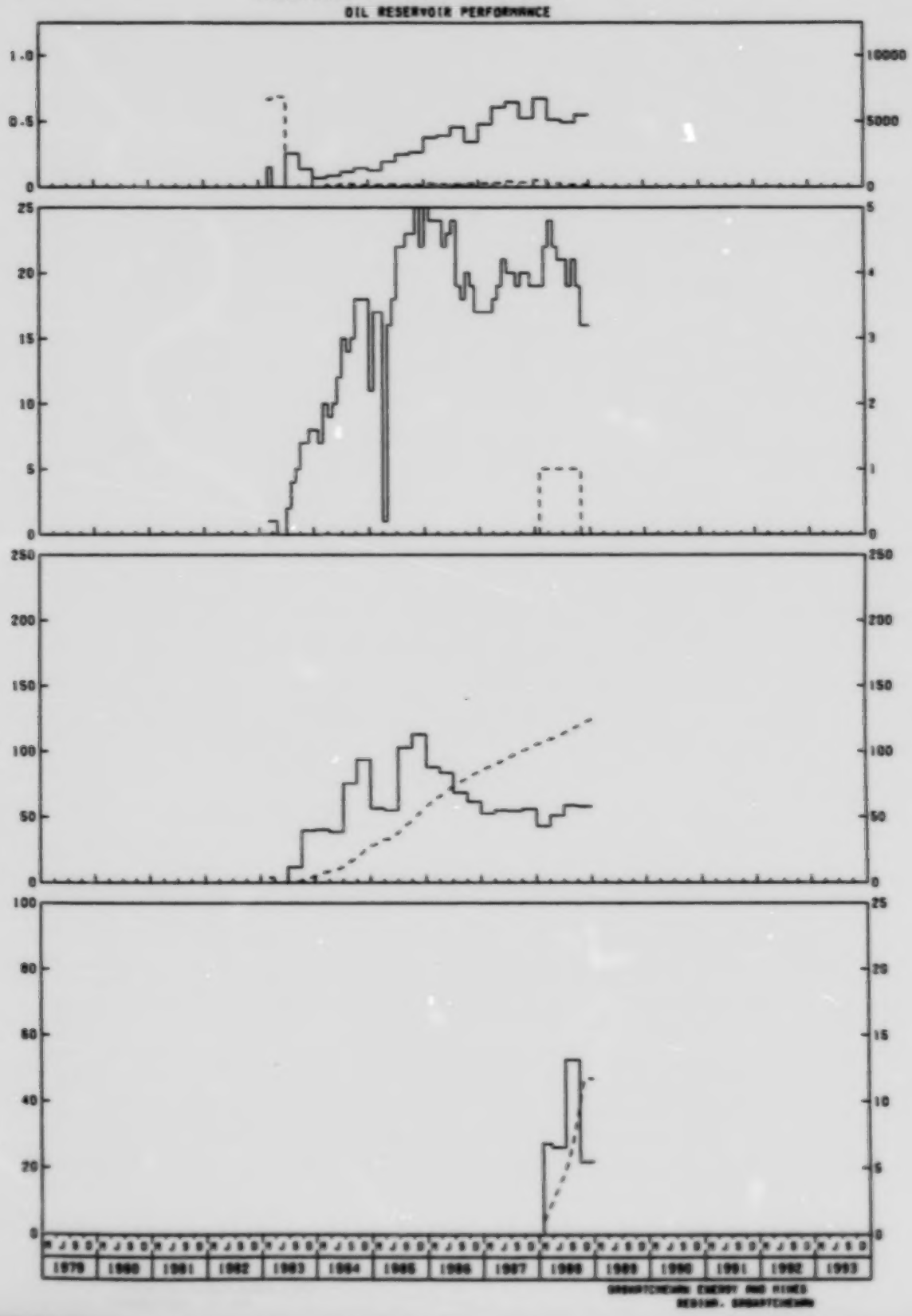


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLEVILLE SOUTH BAKKEN SAND POOL

COLEVILLE S BAKKEN SAND UNIT

OIL RESERVOIR PERFORMANCE

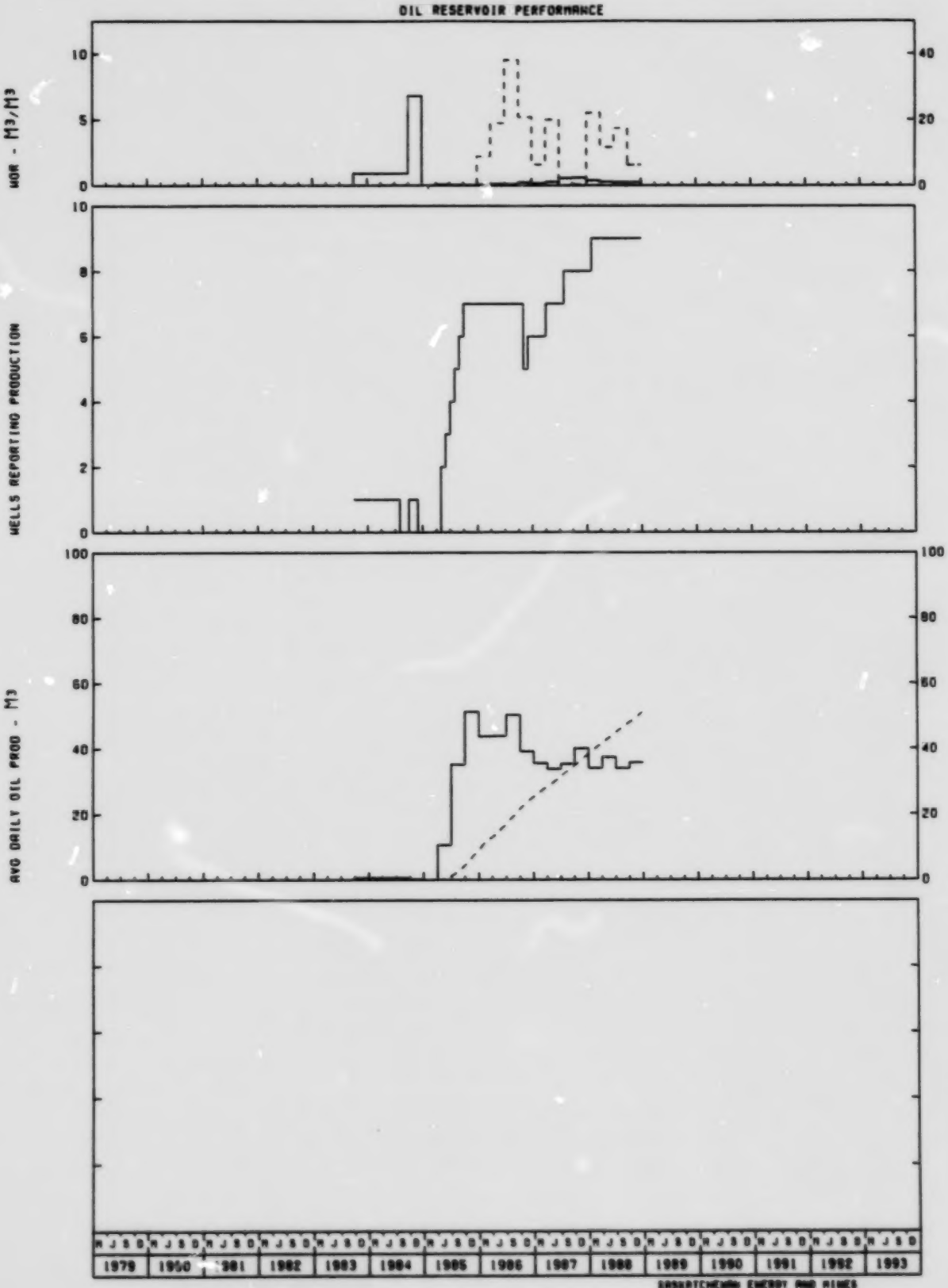


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLEVILLE SOUTH BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



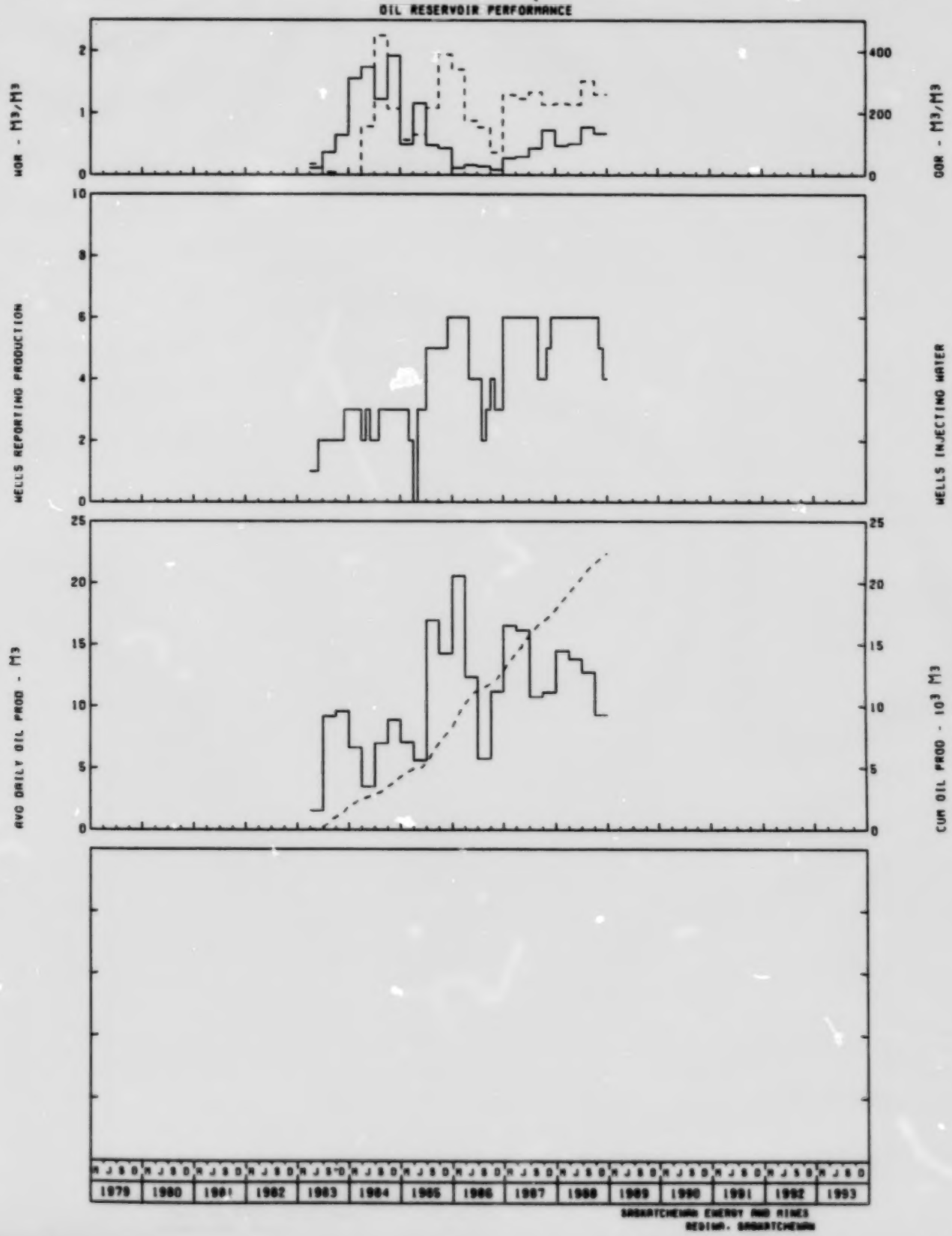
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLEVILLE SOUTH MANNVILLE SD PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



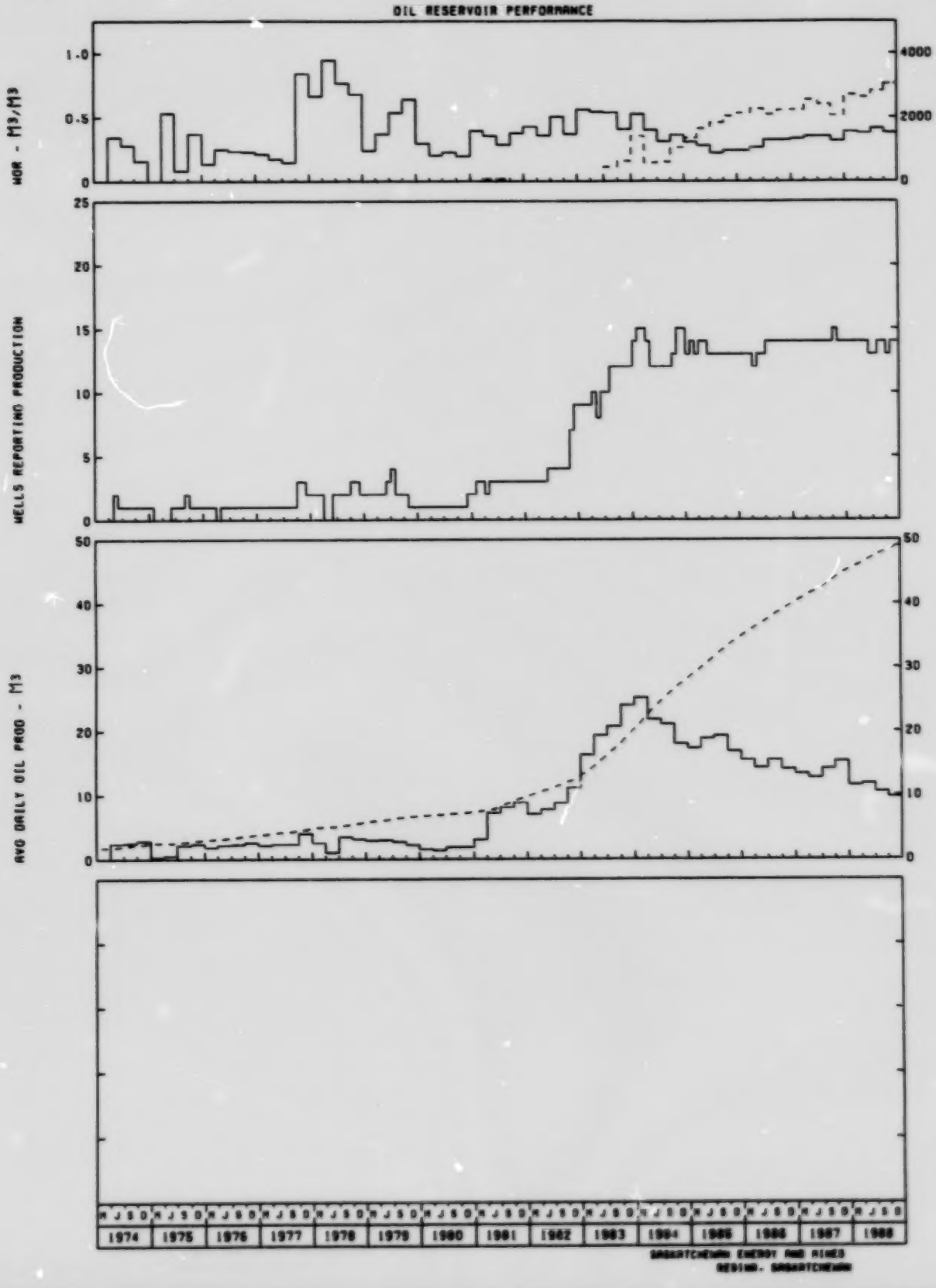
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COSINE LAKE LLOYDMINSTER SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

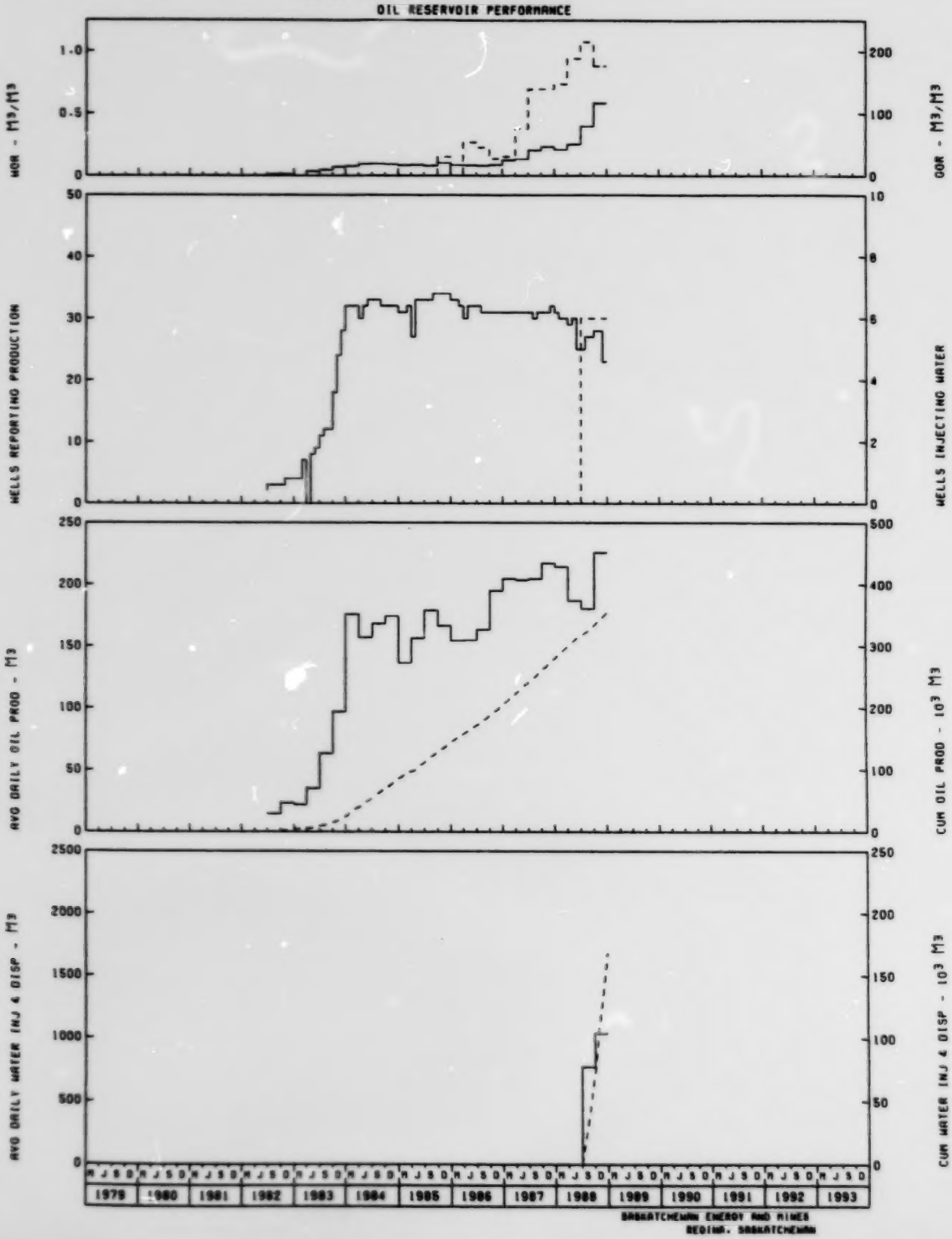


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COURT BAKKEN SAND POOL

COURT BAKKEN SD VOL UNIT 1

OIL RESERVOIR PERFORMANCE



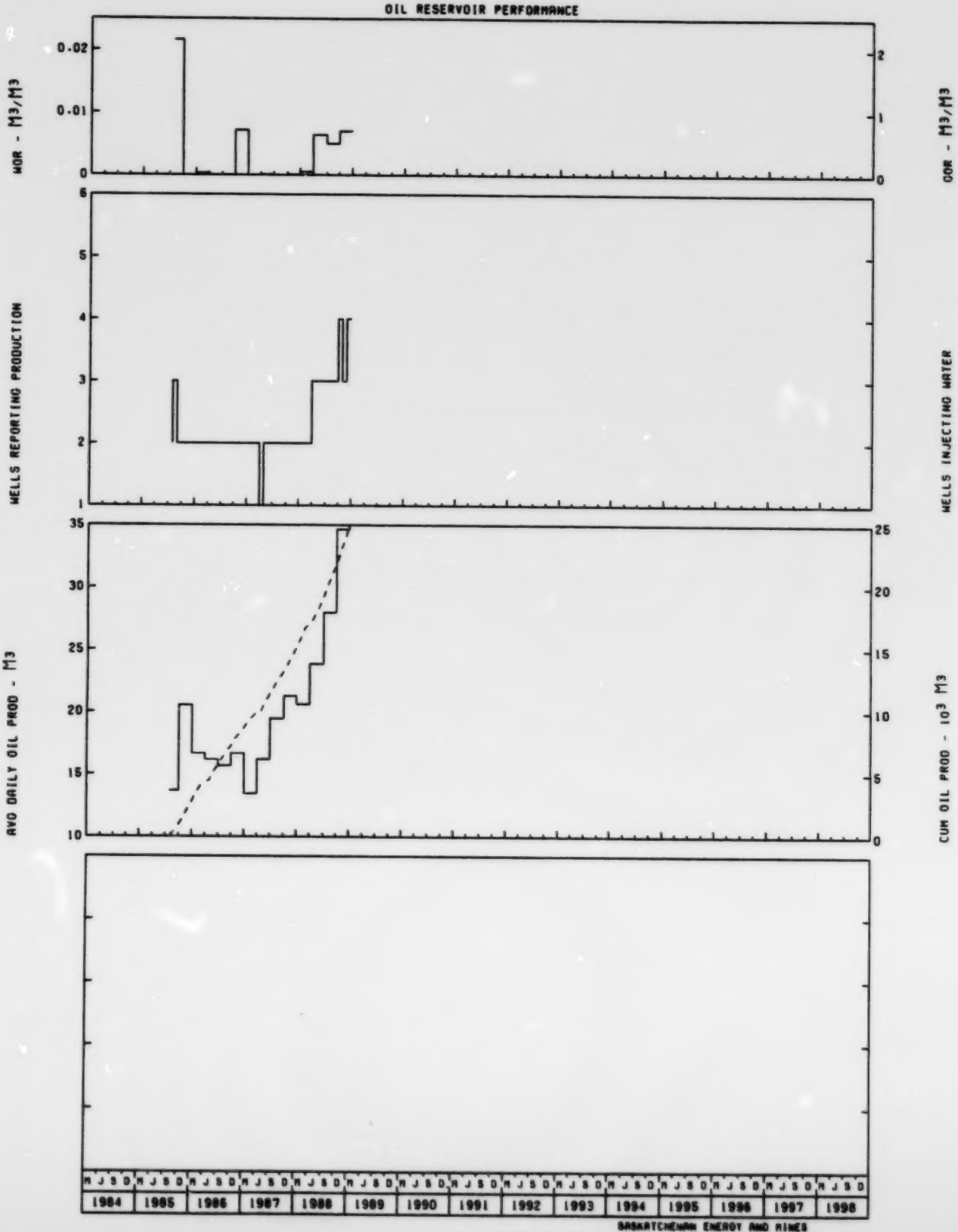
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COURT BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



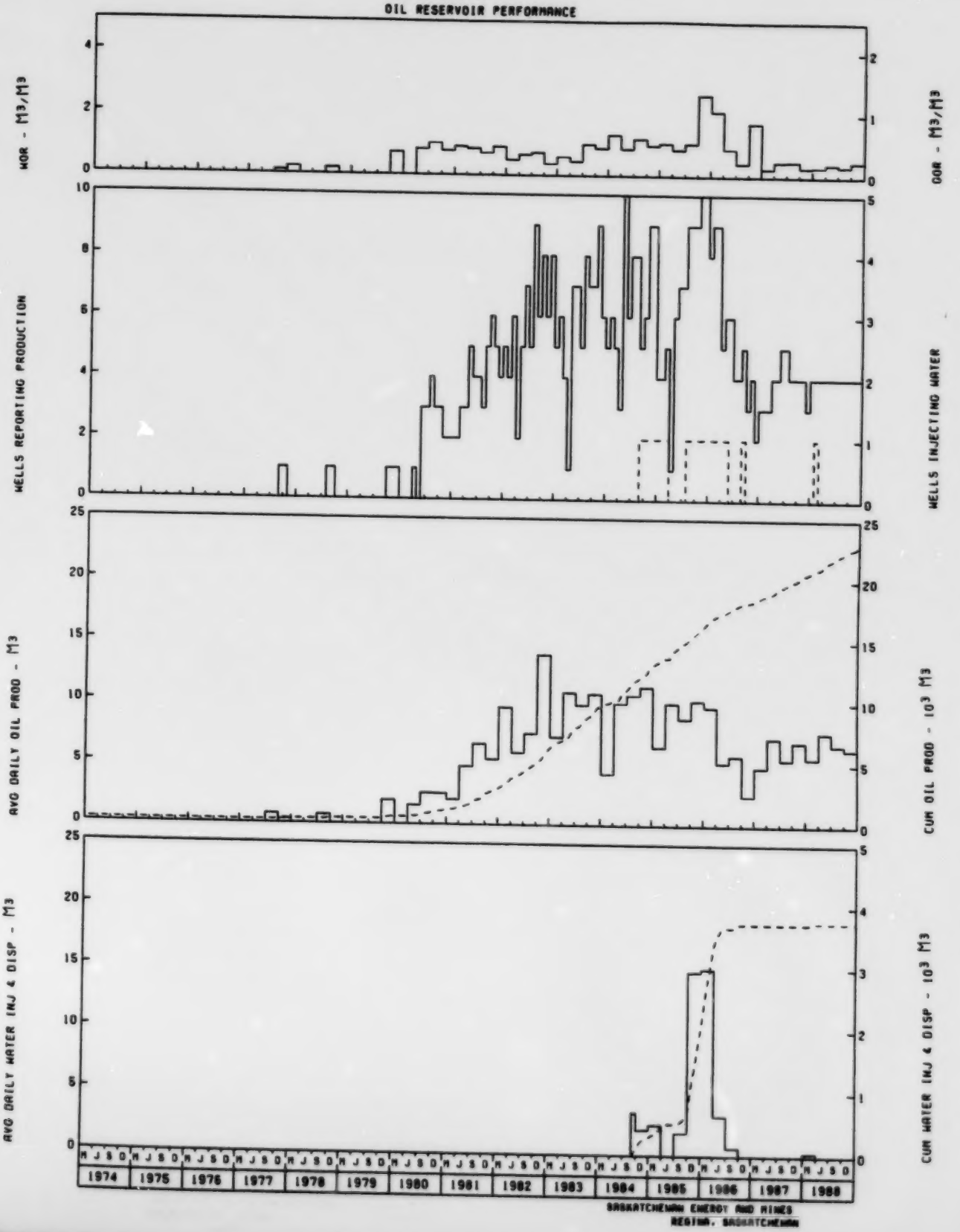
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DRUID MANNVILLE SANDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



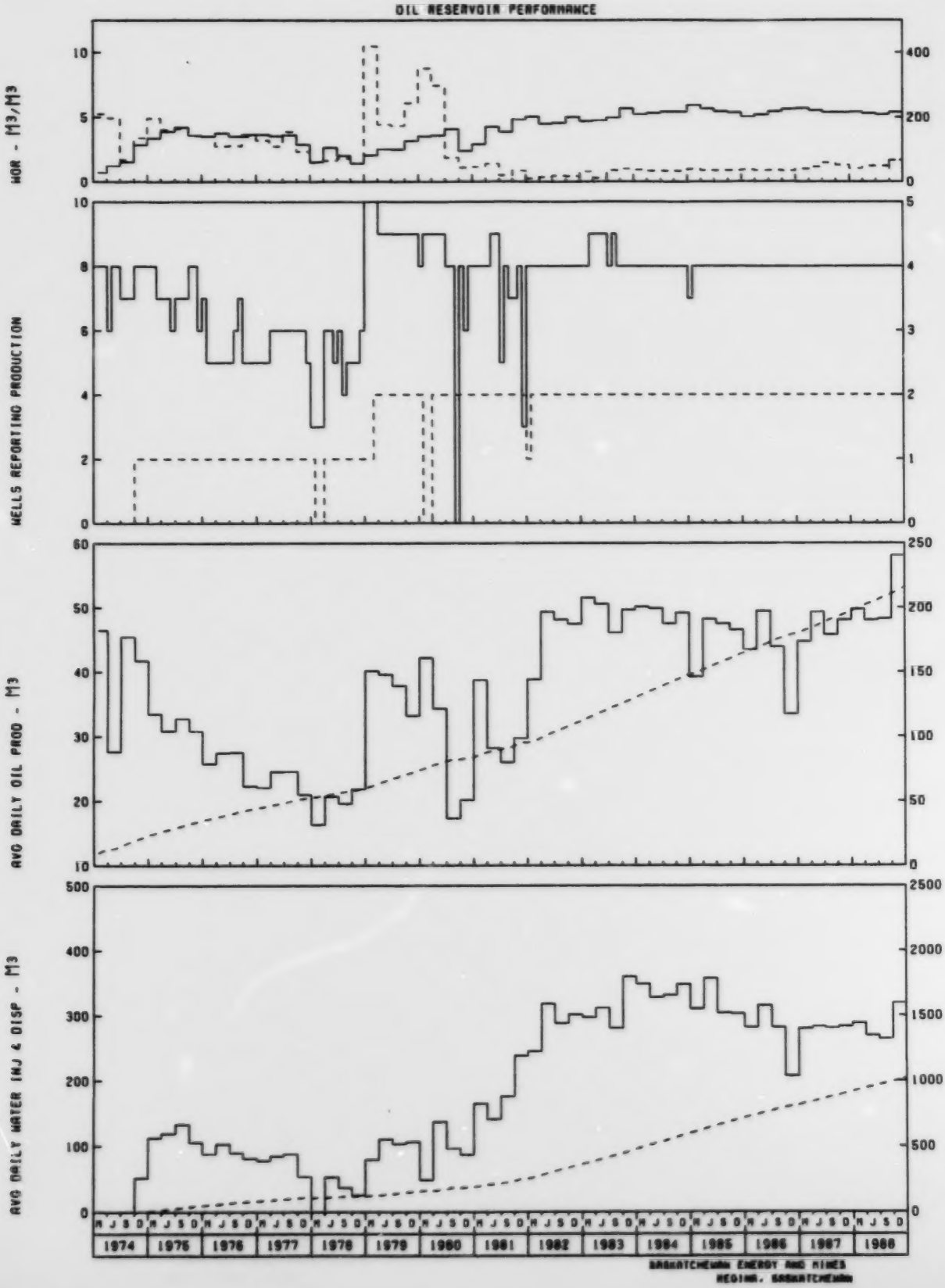
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FUSILIER BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



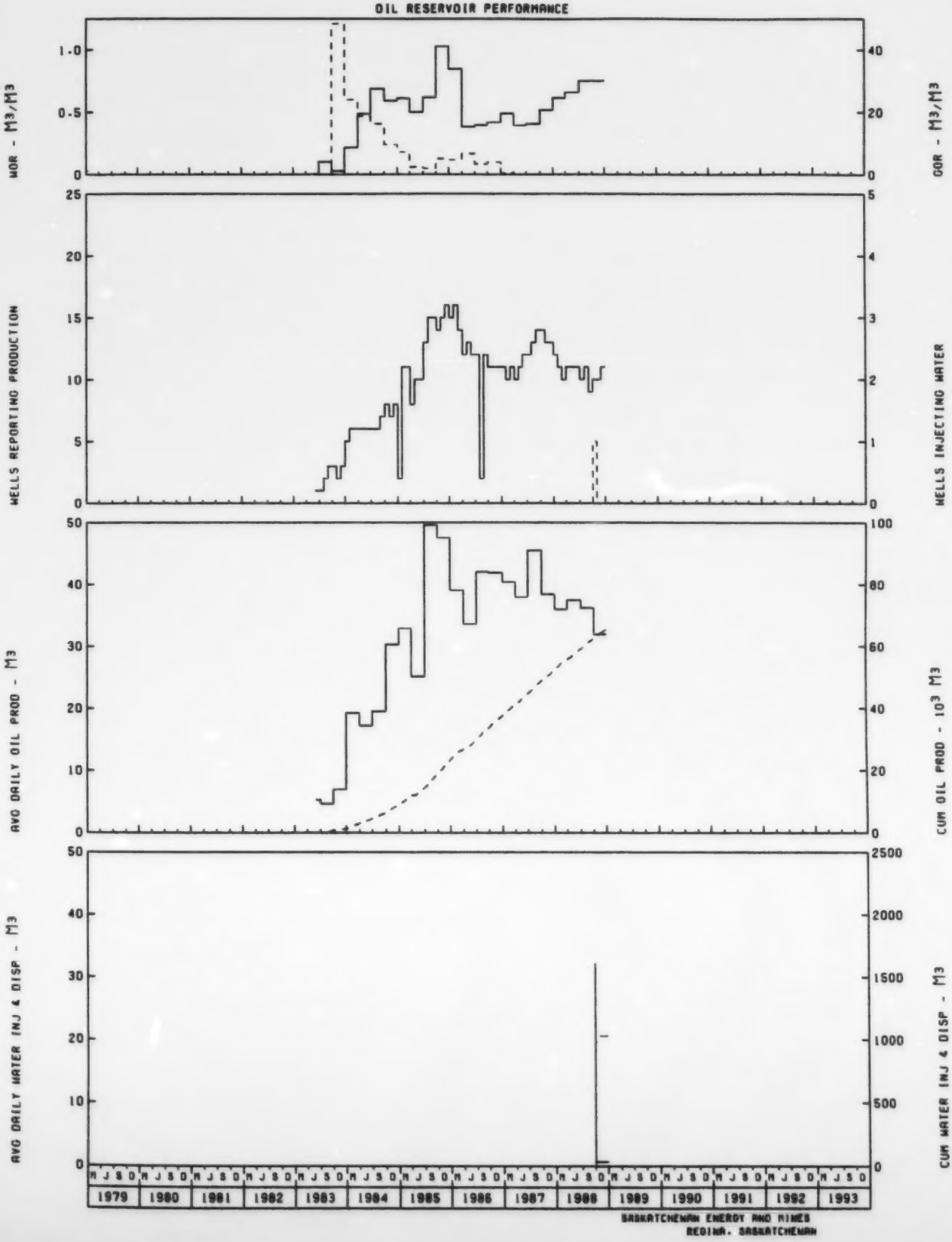
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HEARTS HILL BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



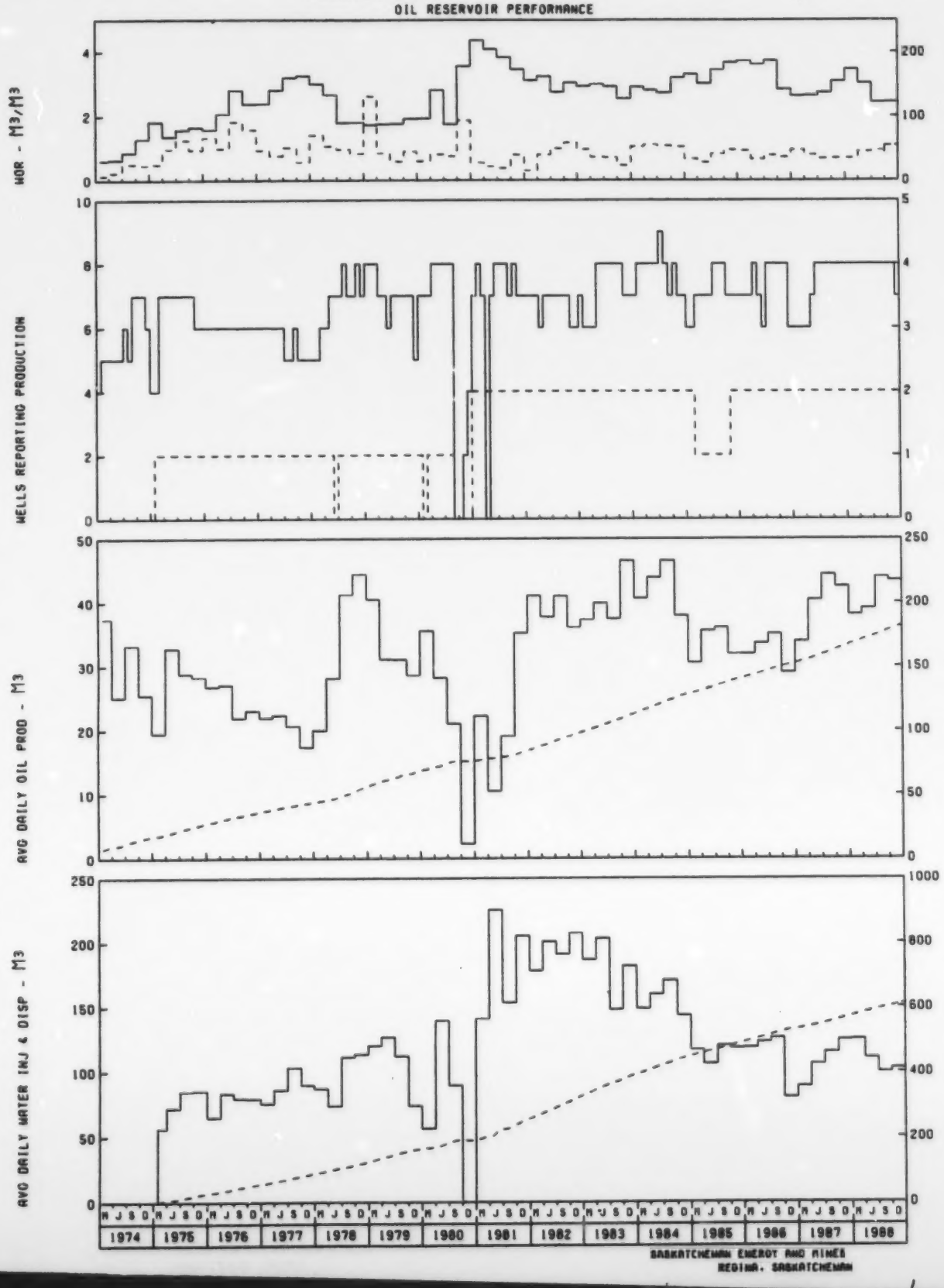
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HOOSIER BAKKEN SAND POOL

HOOSIER BAKKEN SD VOL UNIT 1

OIL RESERVOIR PERFORMANCE



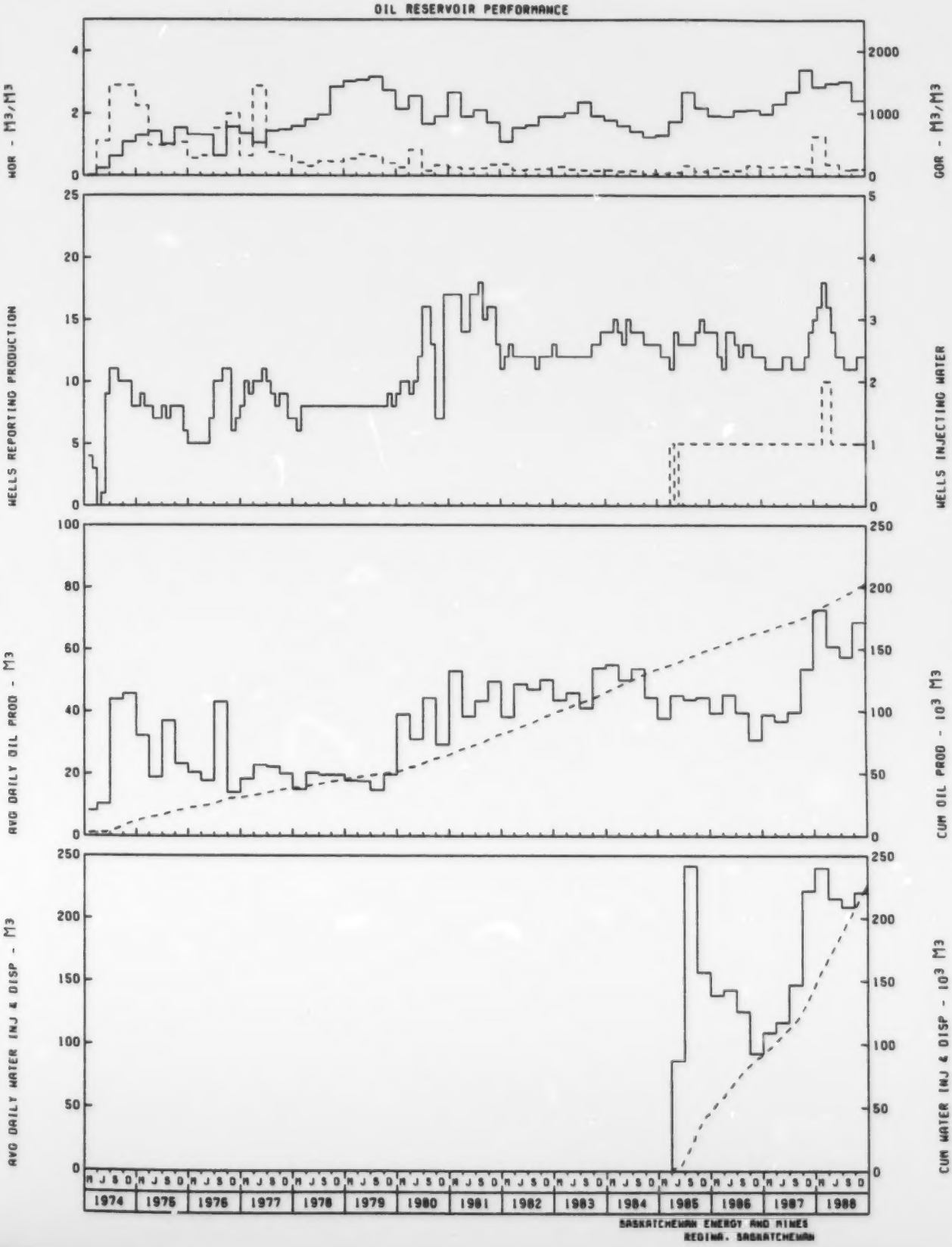
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HOOSIER BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



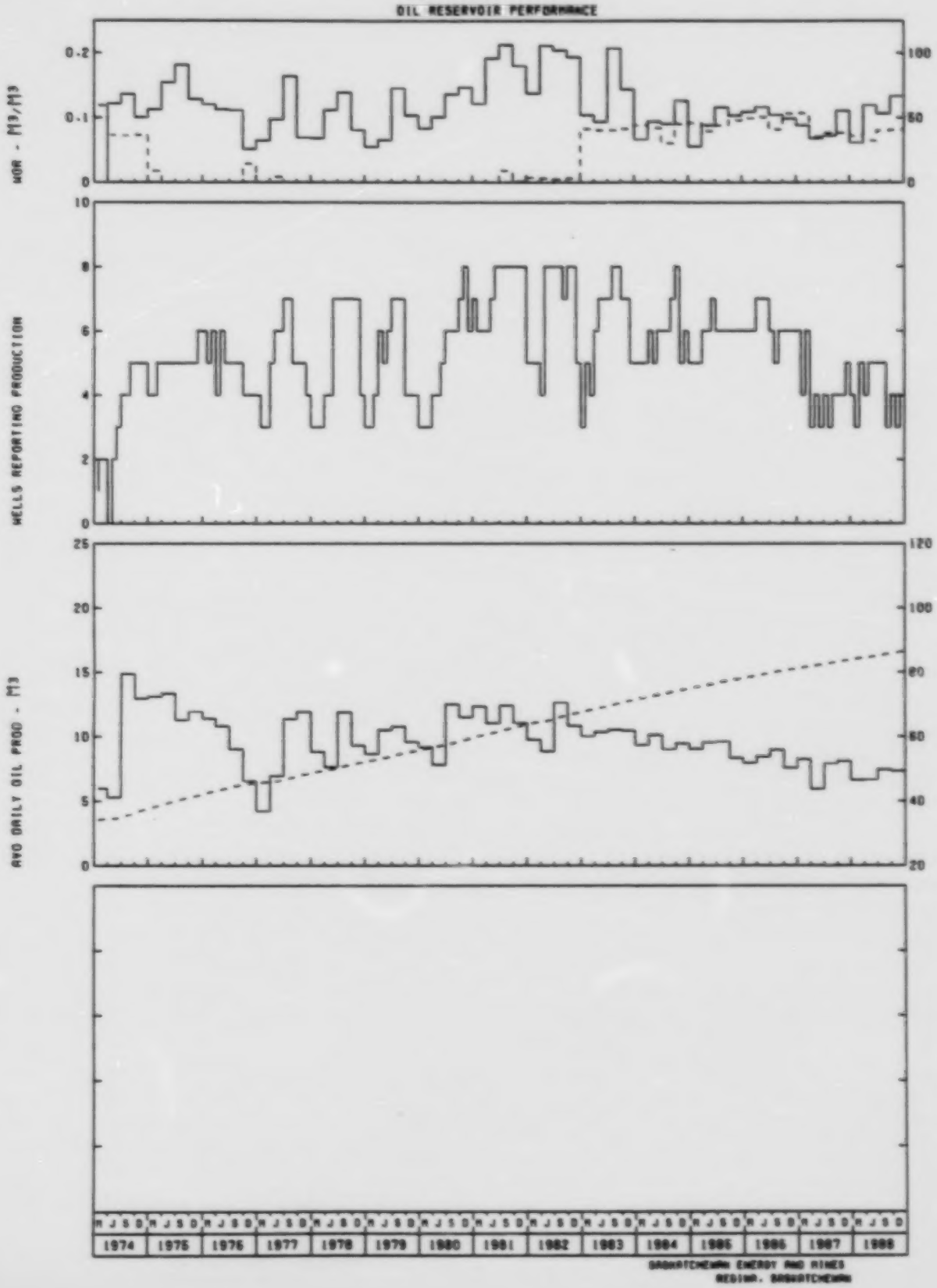
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOVERNA DETRITAL POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



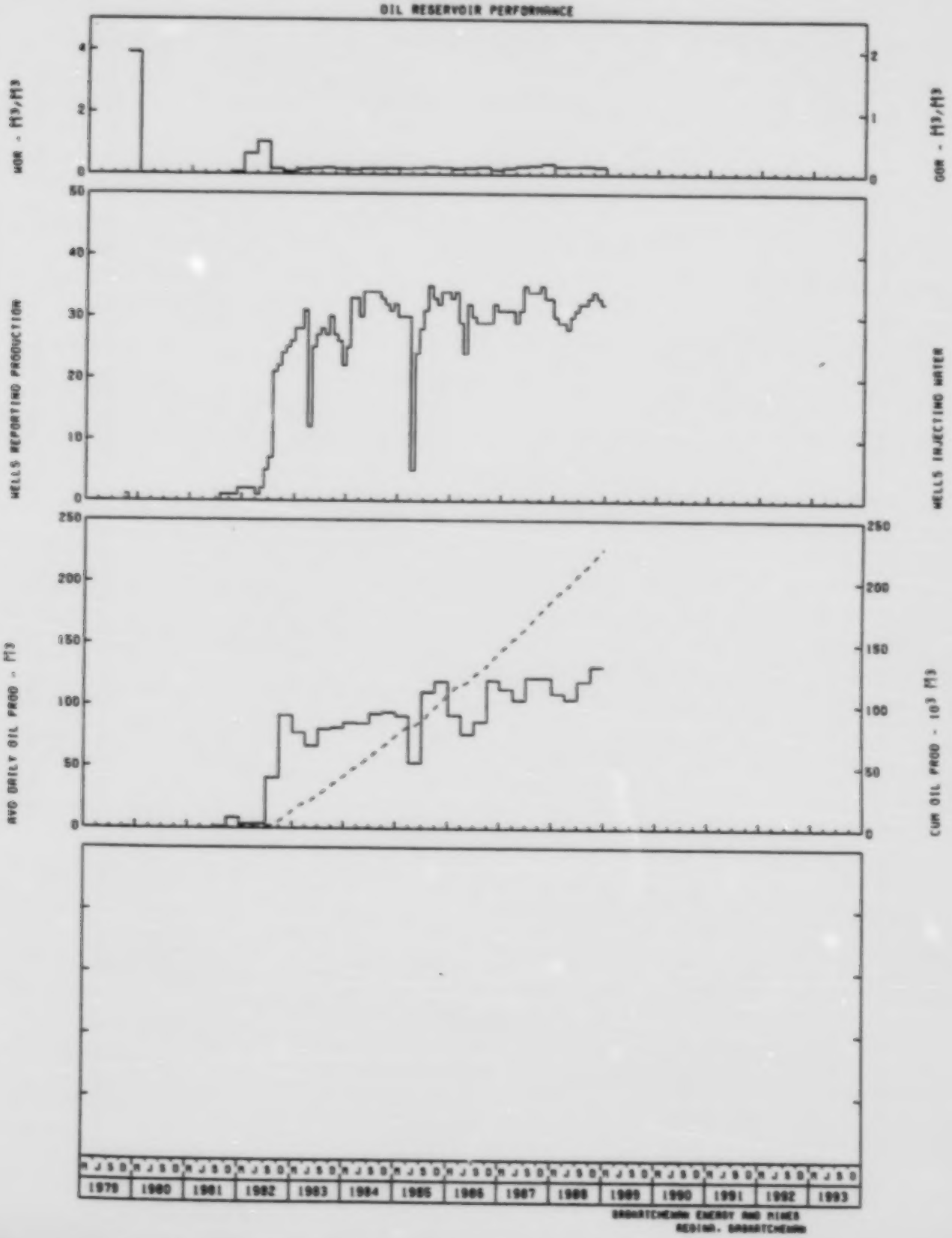
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LUSELAND BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

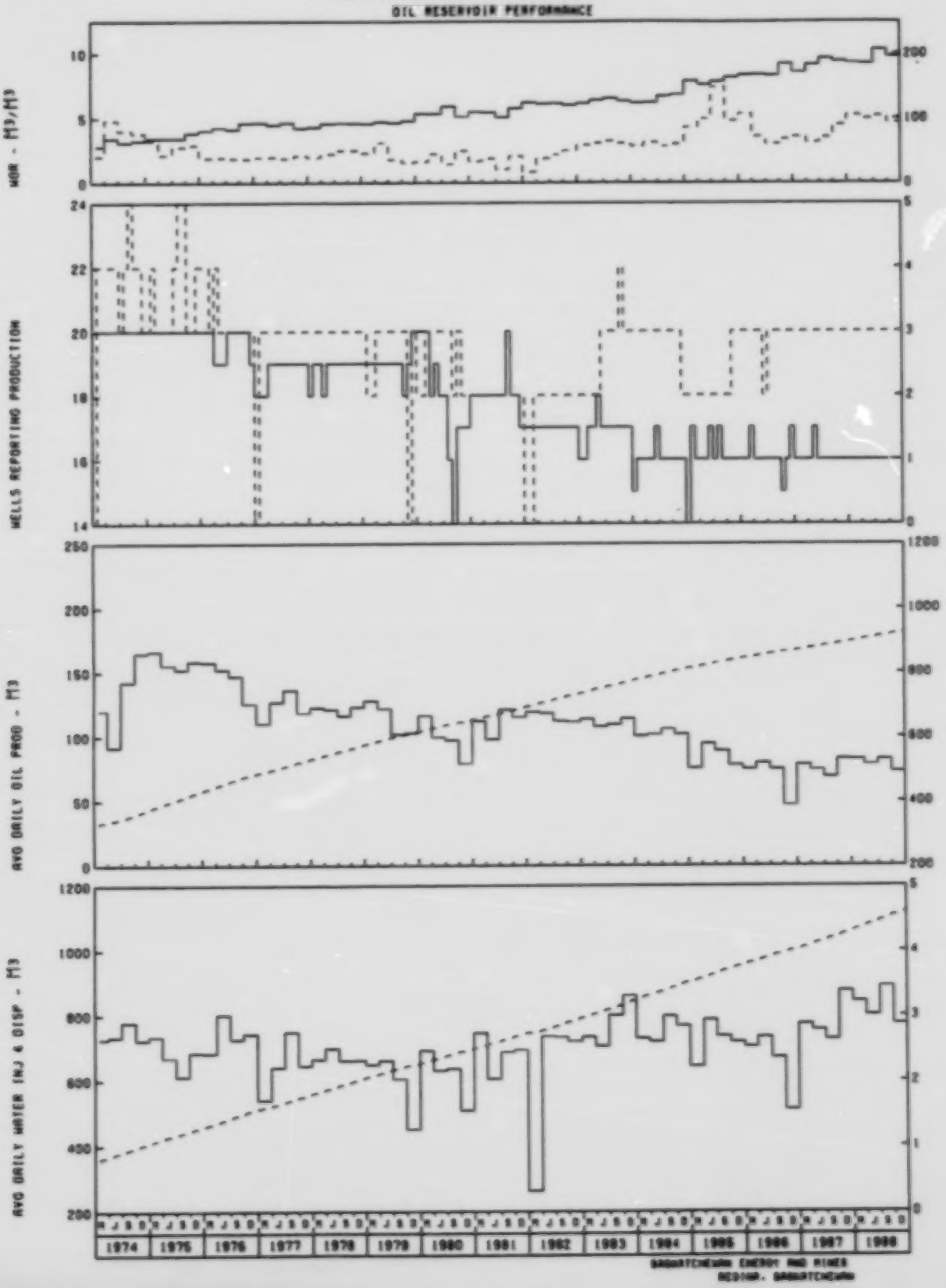


DRAWN BY CHEVRON ENERGY AND MINES
REVISED: DRAWN BY CHEVRON

NORTH HOOSIER BAKKEN SAND POOL

N HOOSIER BAKKEN SD VOL UNIT

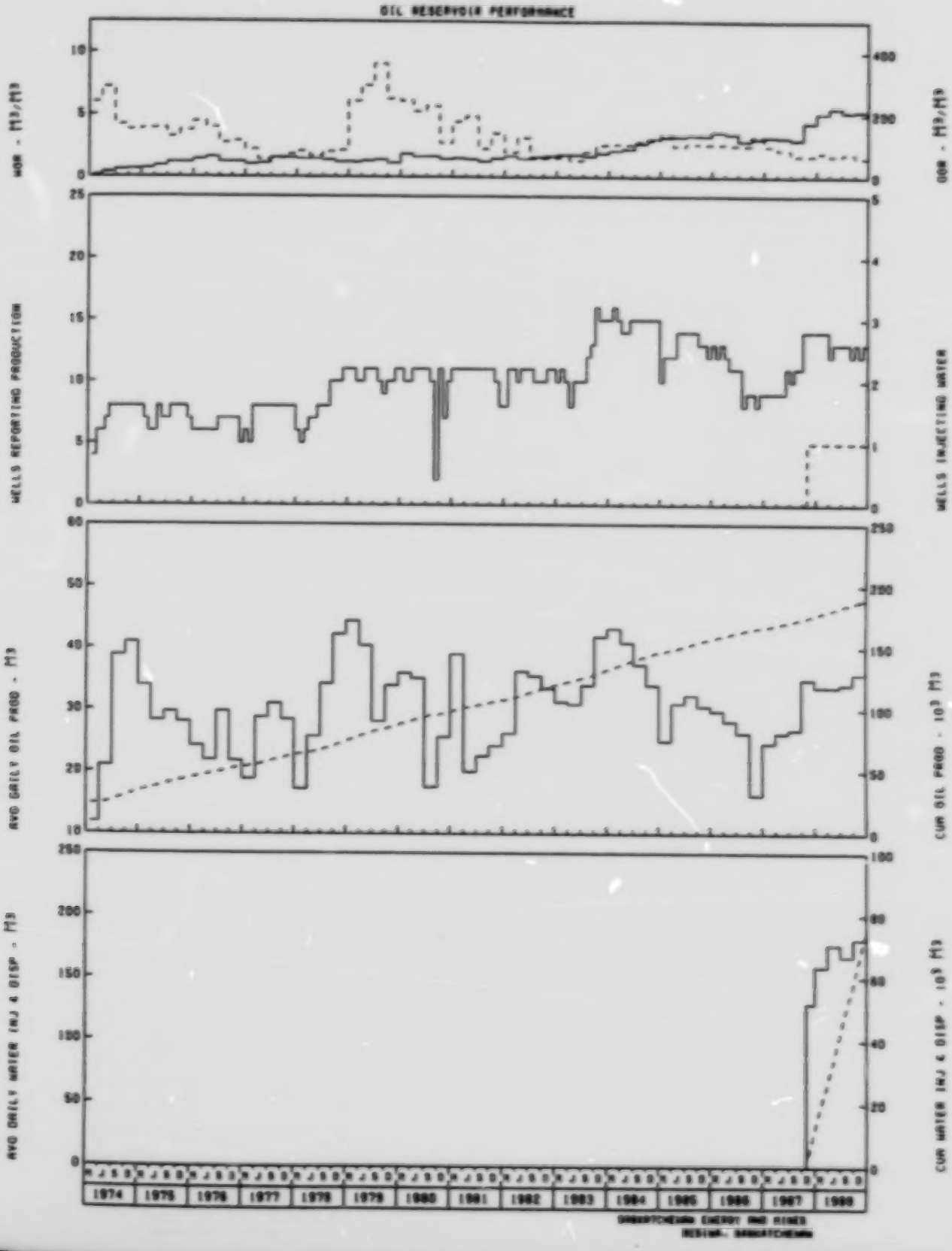
OIL RESERVOIR PERFORMANCE



NORTH HOOSIER BAKKEN SAND POOL

NON-UNITS

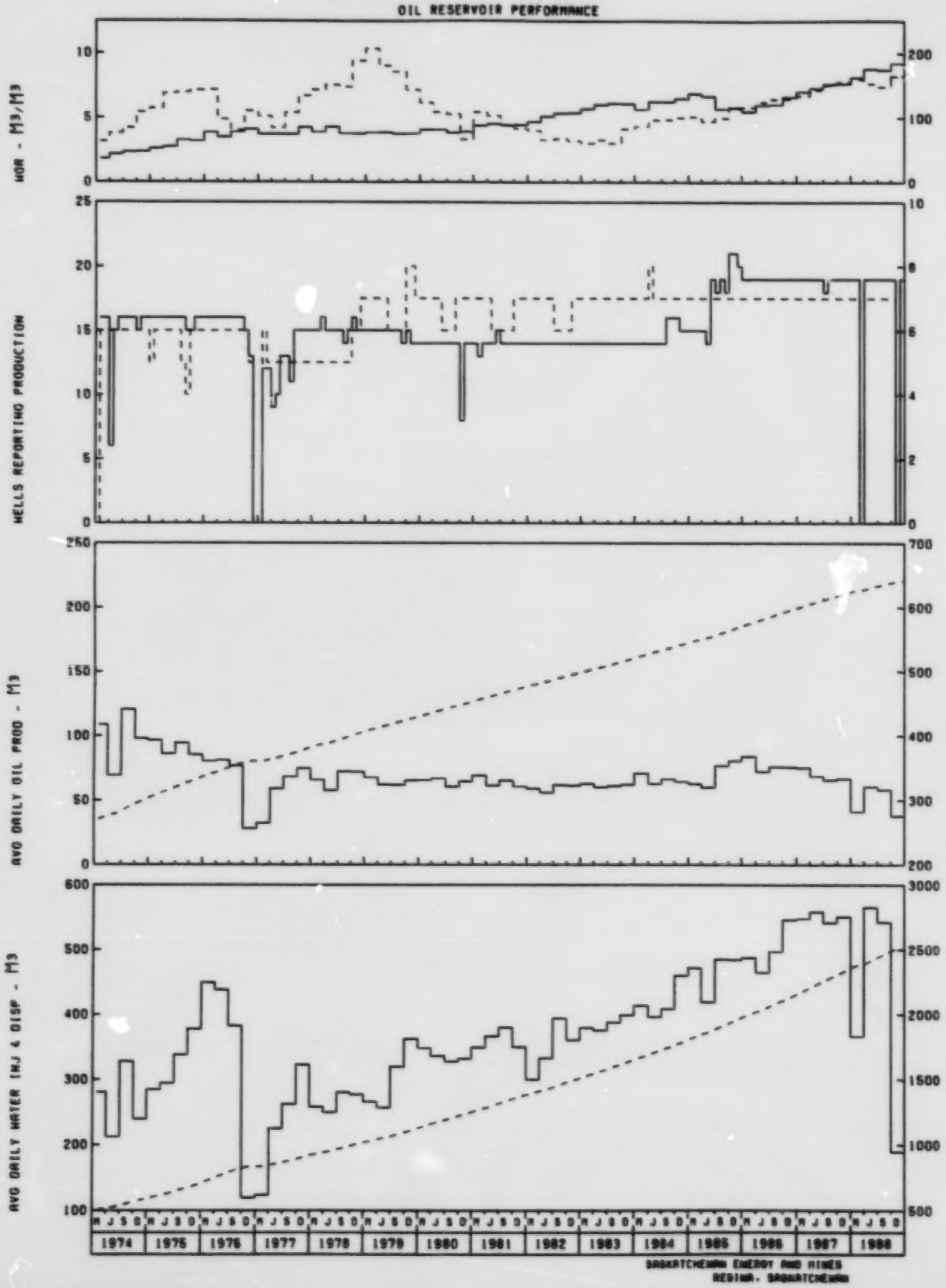
OIL RESERVOIR PERFORMANCE



NORTH HOOSIER BASAL BLAIRMORE SD

HOOSIER BAS BLAIR VOL UNIT

OIL RESERVOIR PERFORMANCE

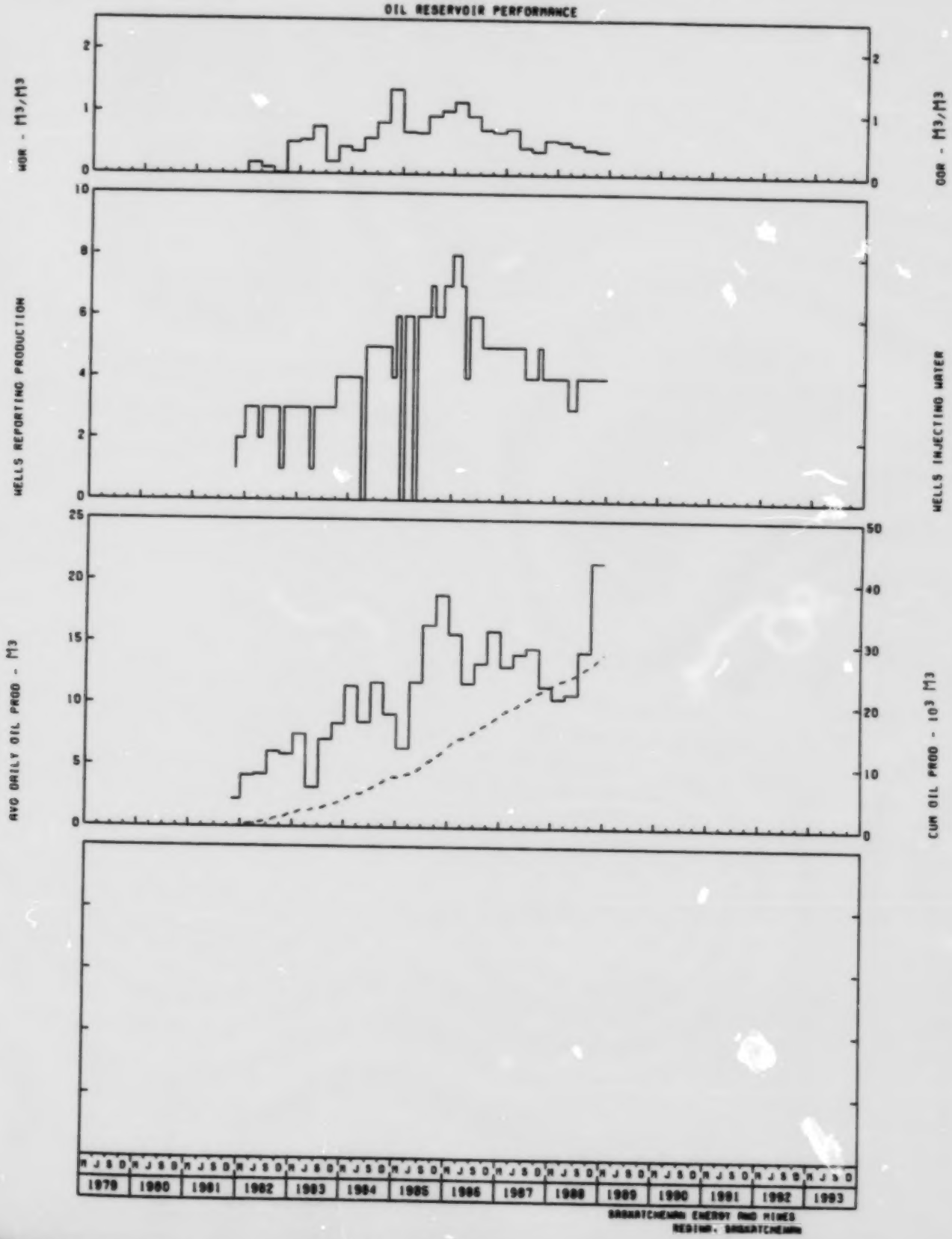


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH SMILEY BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



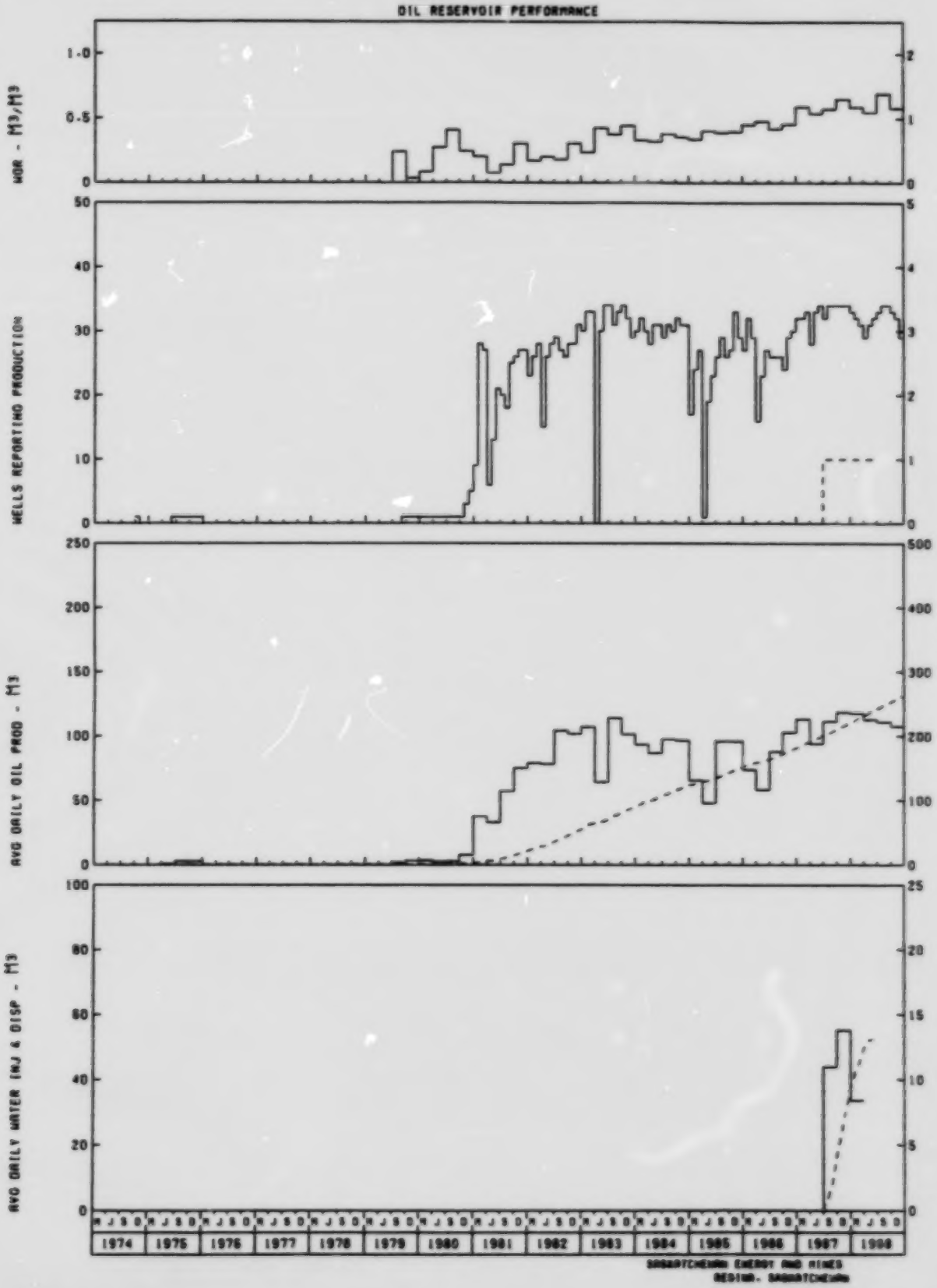
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PLOVER LAKE BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



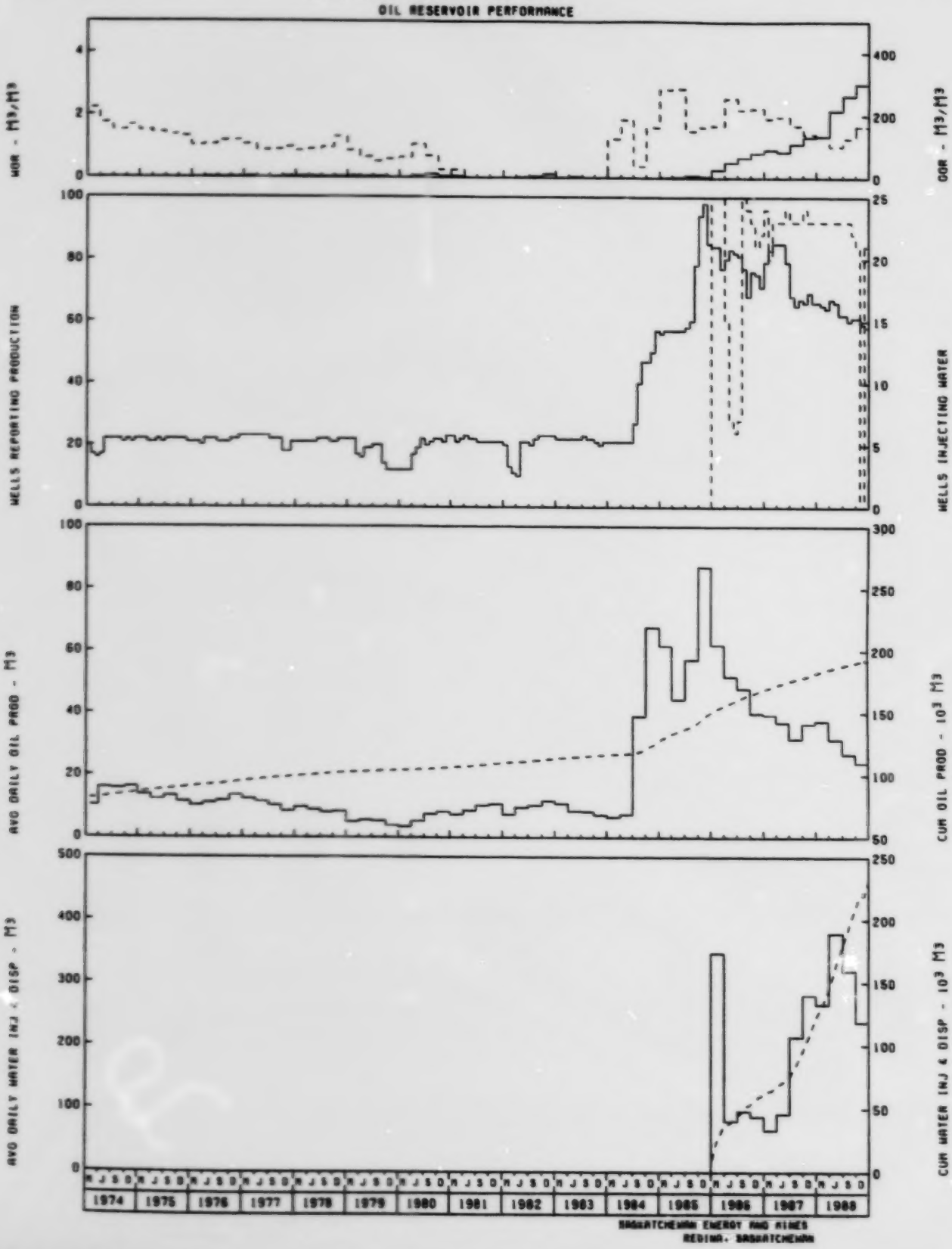
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

AVON HILL VIKING POOL

AVON HILL VIKING VOL UNIT

OIL RESERVOIR PERFORMANCE



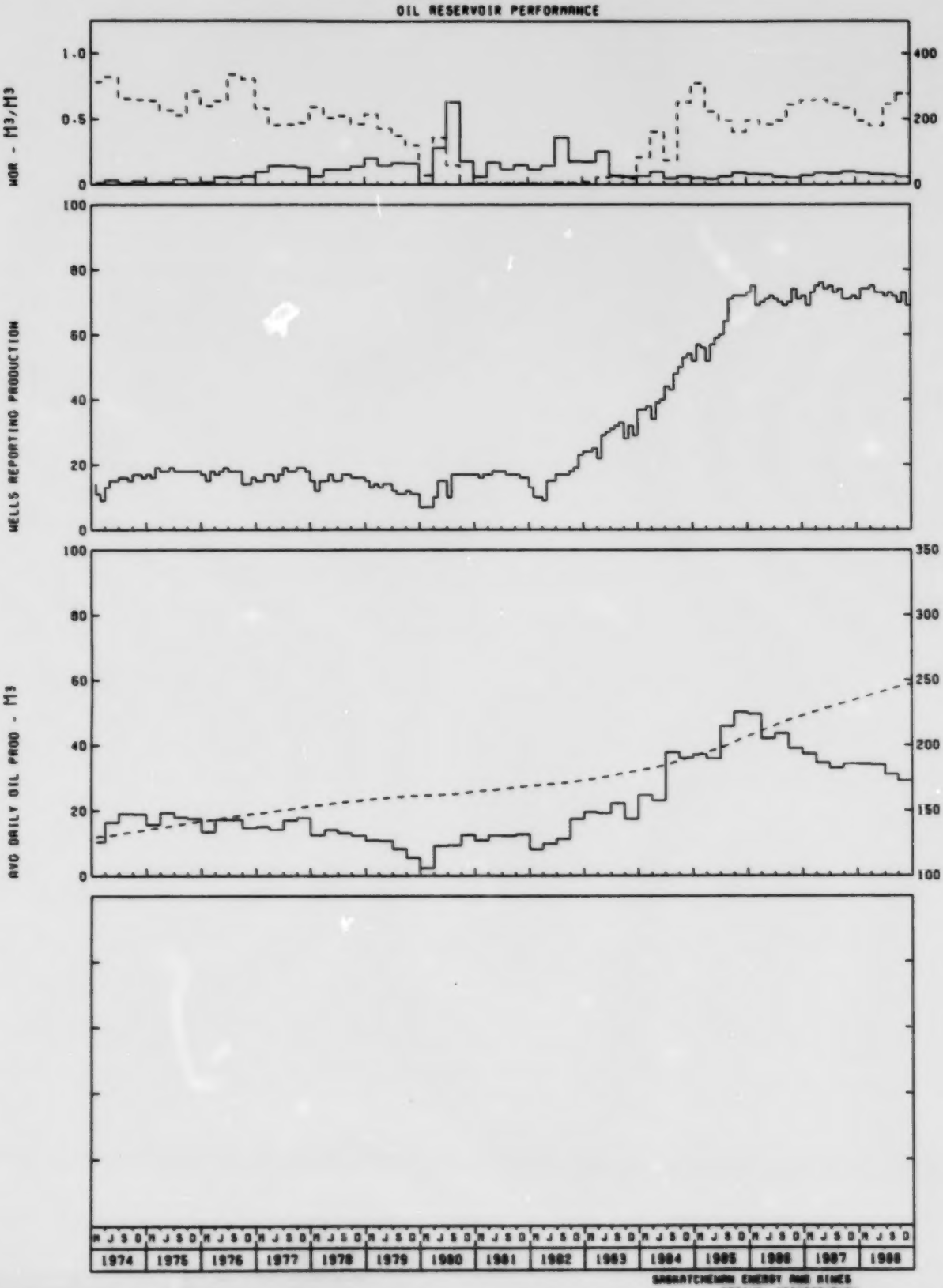
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

AVON HILL VIKING POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

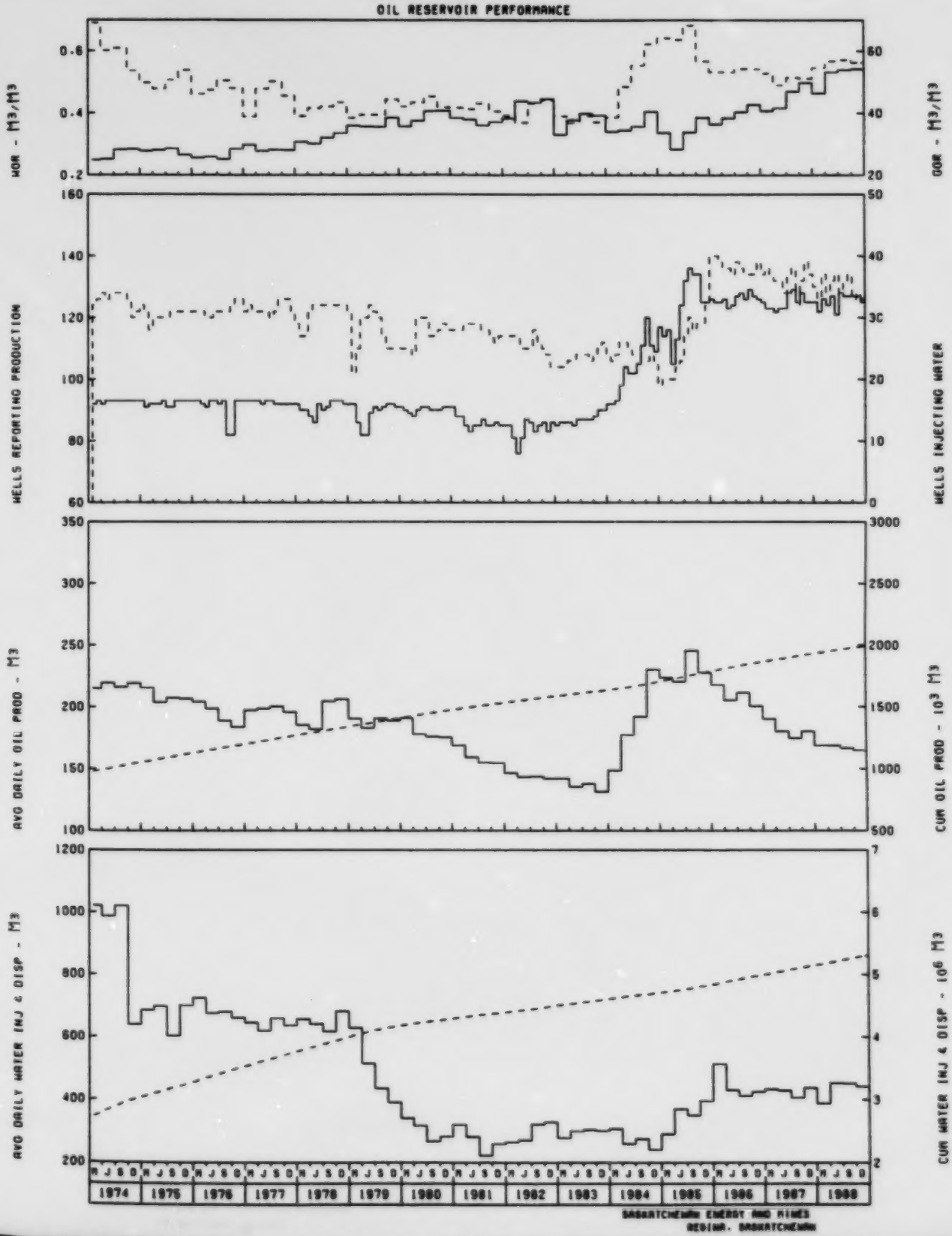


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

GLENEATH UNIT

OIL RESERVOIR PERFORMANCE



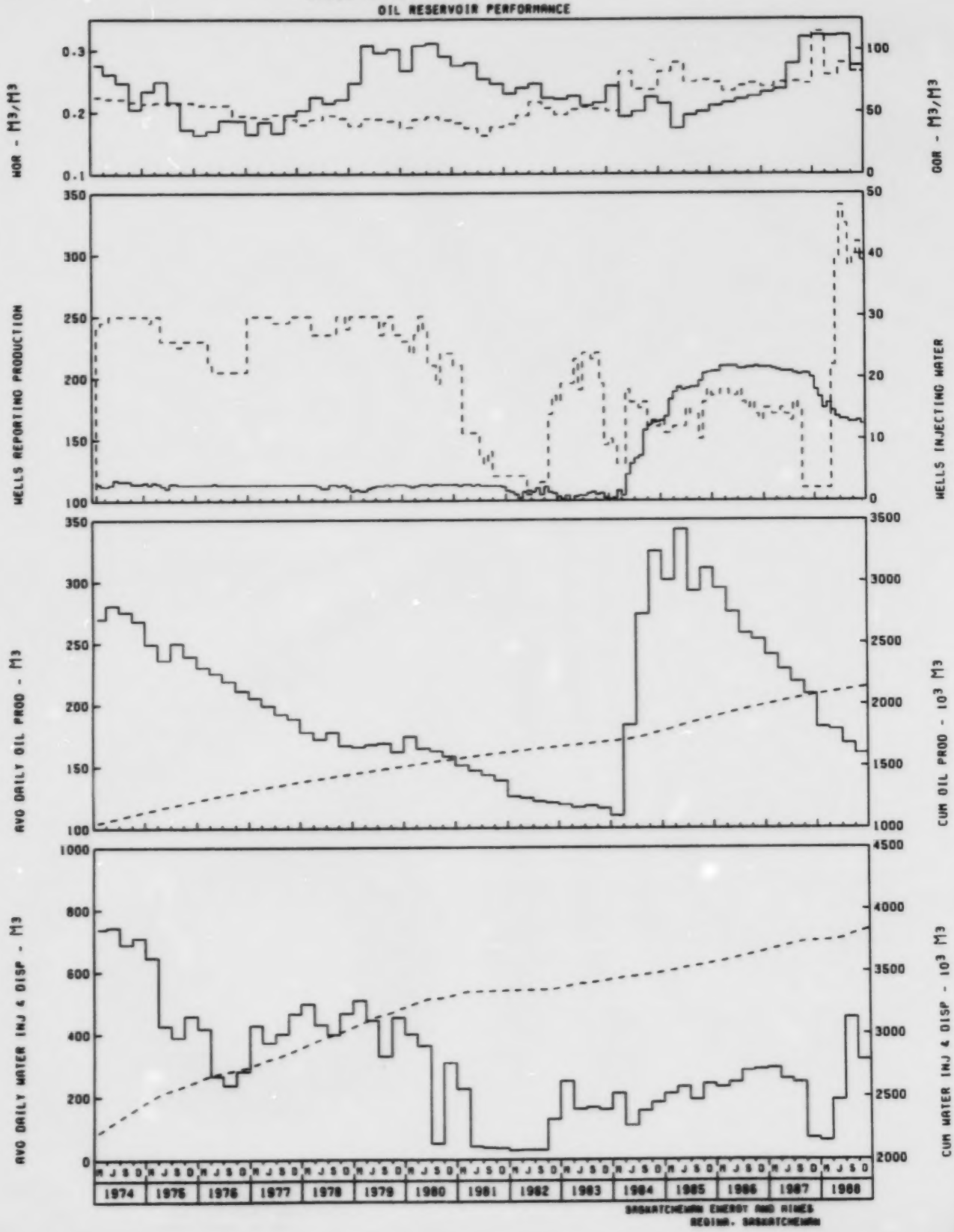
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

EAGLE LAKE VIKING VOL UNIT

OIL RESERVOIR PERFORMANCE



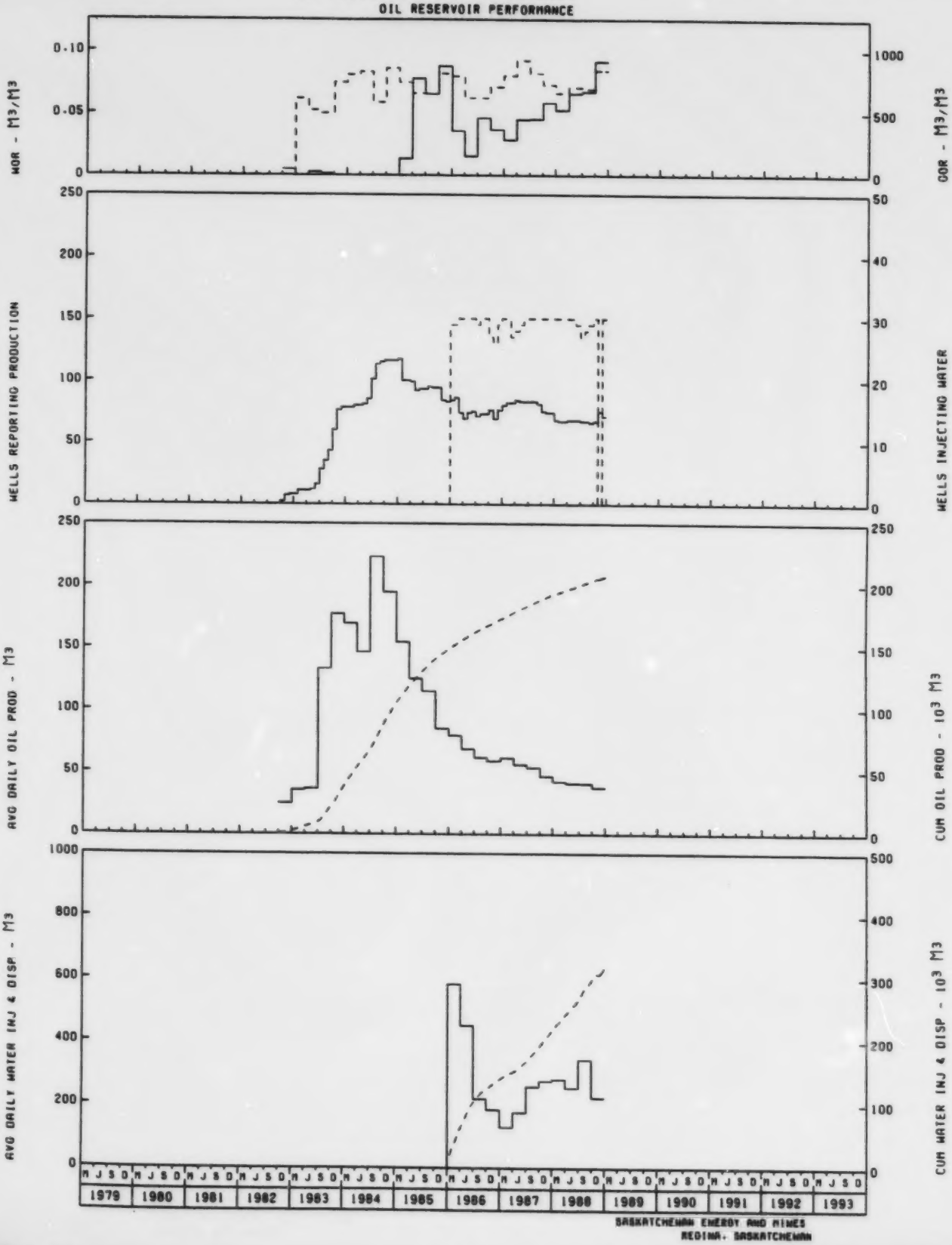
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

NO DODSLAND VIKING VOL UNIT

OIL RESERVOIR PERFORMANCE



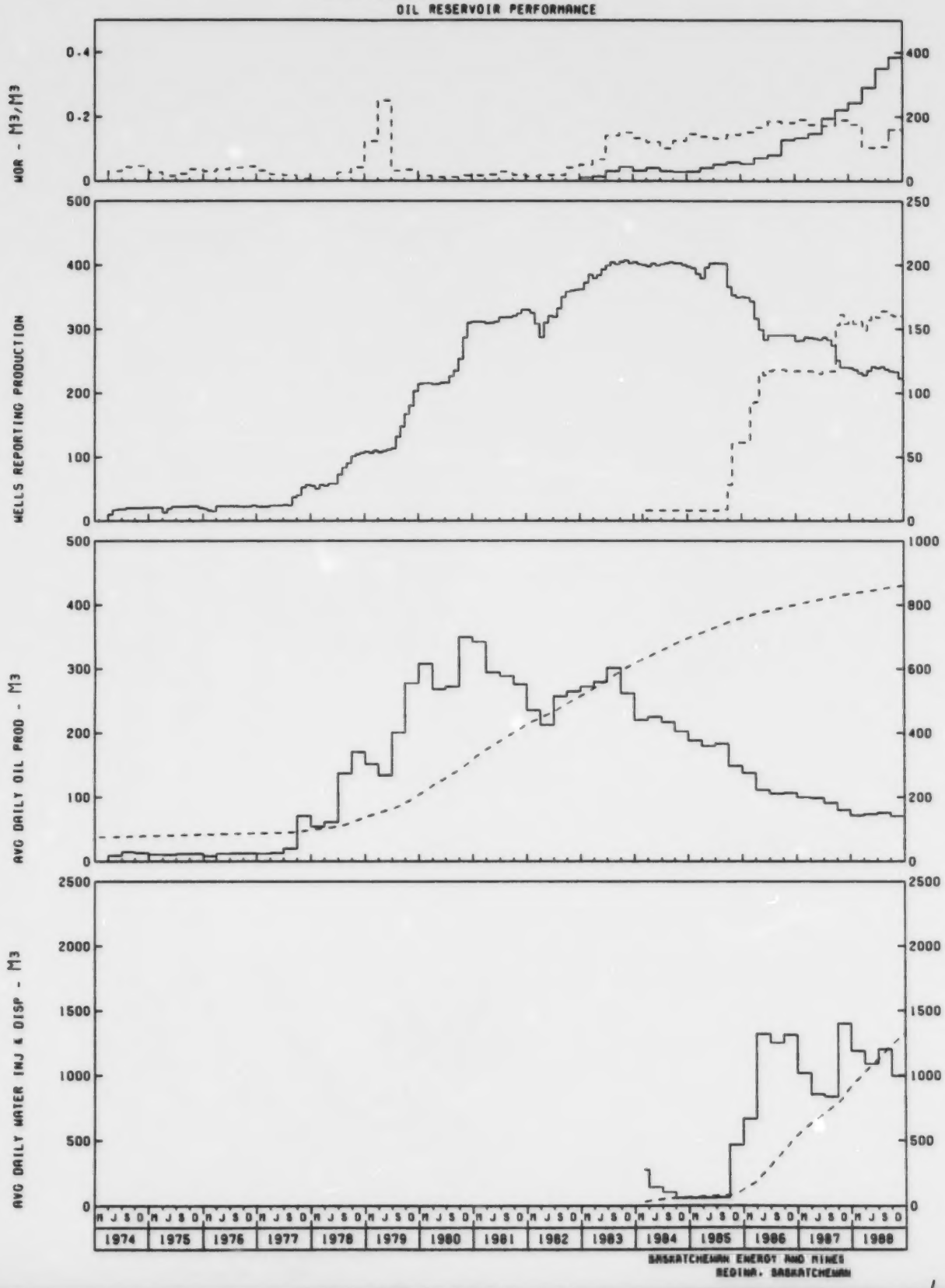
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

EAST DODSLAND VIK VOL UNIT

OIL RESERVOIR PERFORMANCE



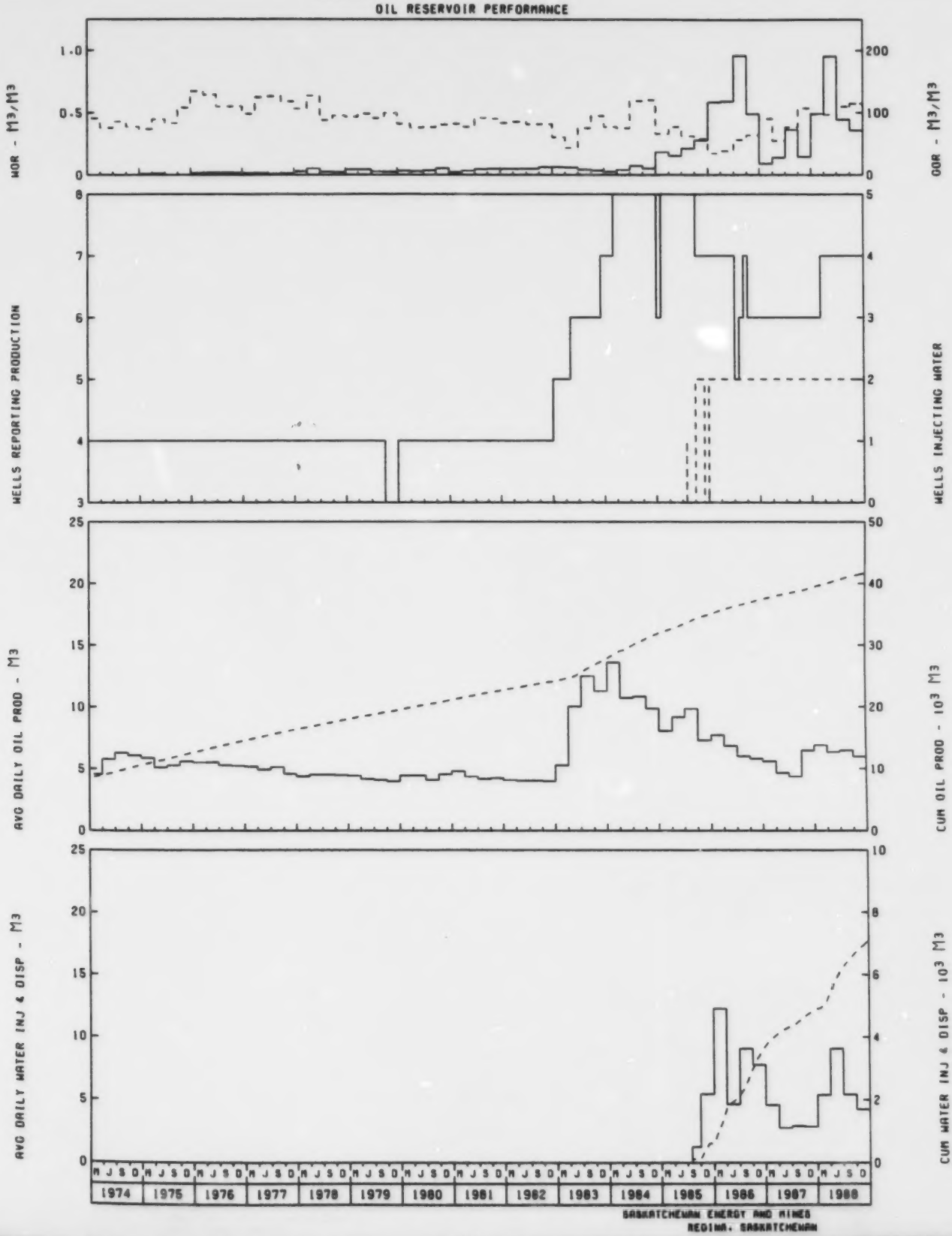
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

GLENEATH SO VIK VOL UNIT

OIL RESERVOIR PERFORMANCE



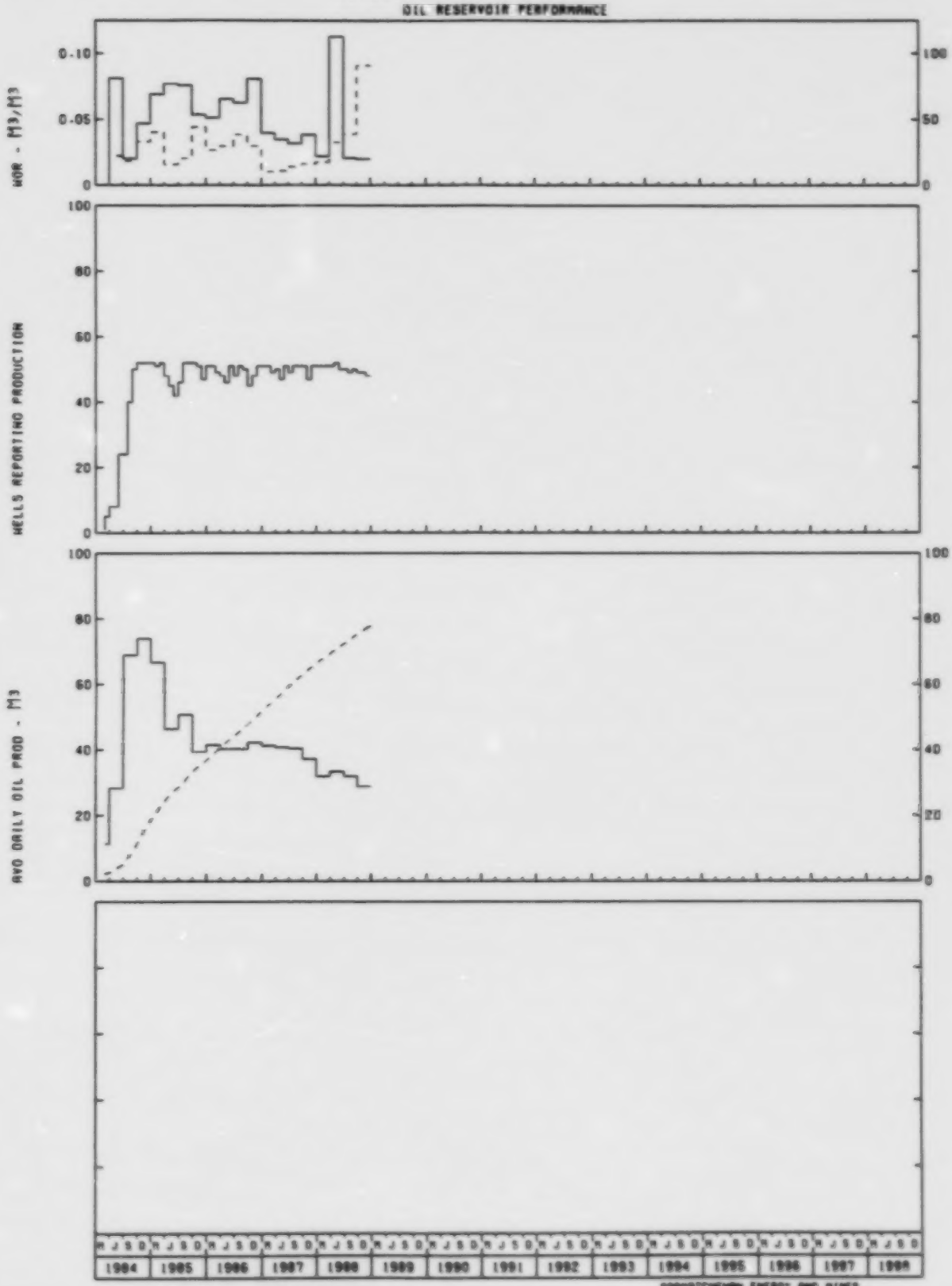
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

KIYIU LAKE VIK VOL UNIT

OIL RESERVOIR PERFORMANCE



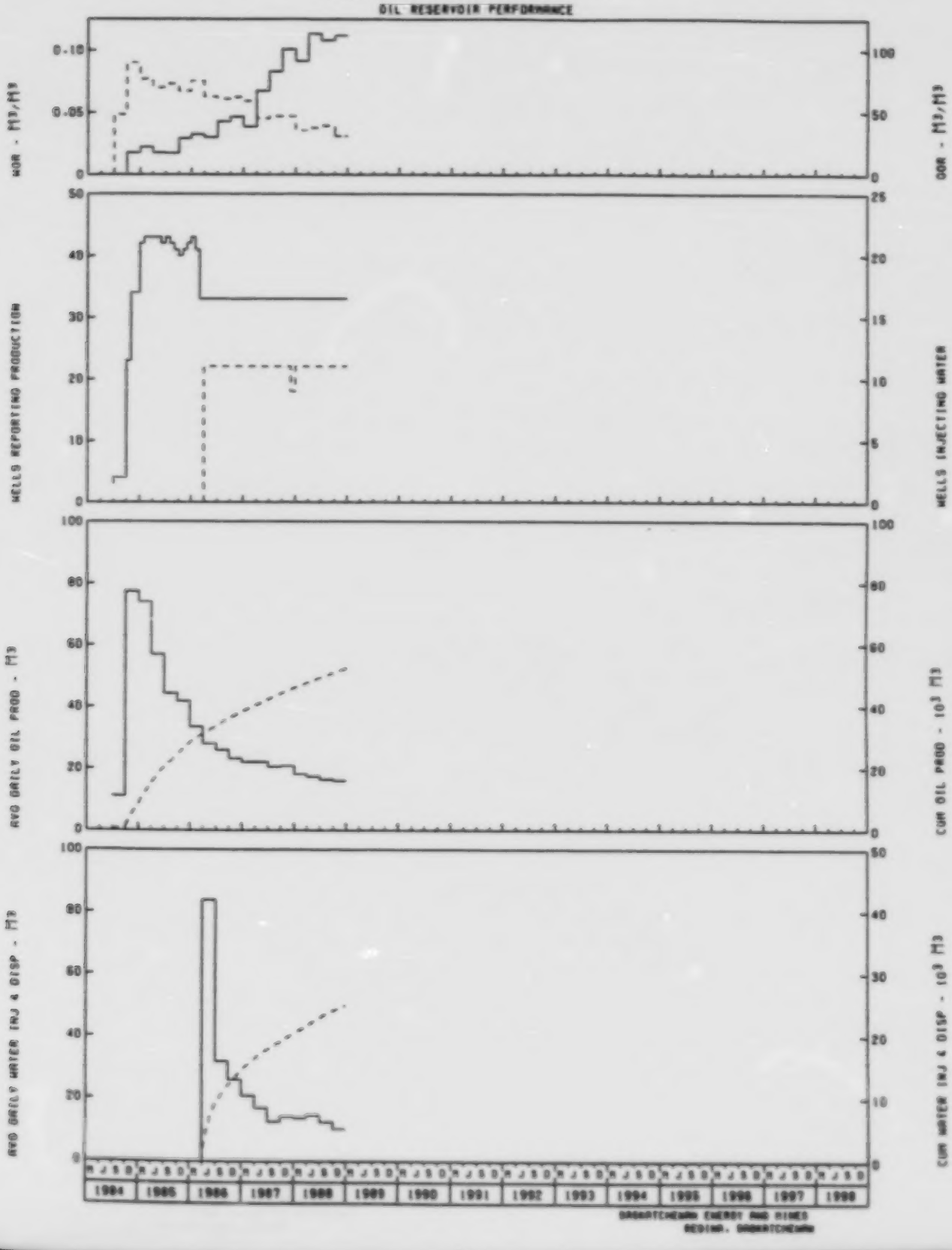
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

KIYIU LAKE VIK VOL U #2

OIL RESERVOIR PERFORMANCE



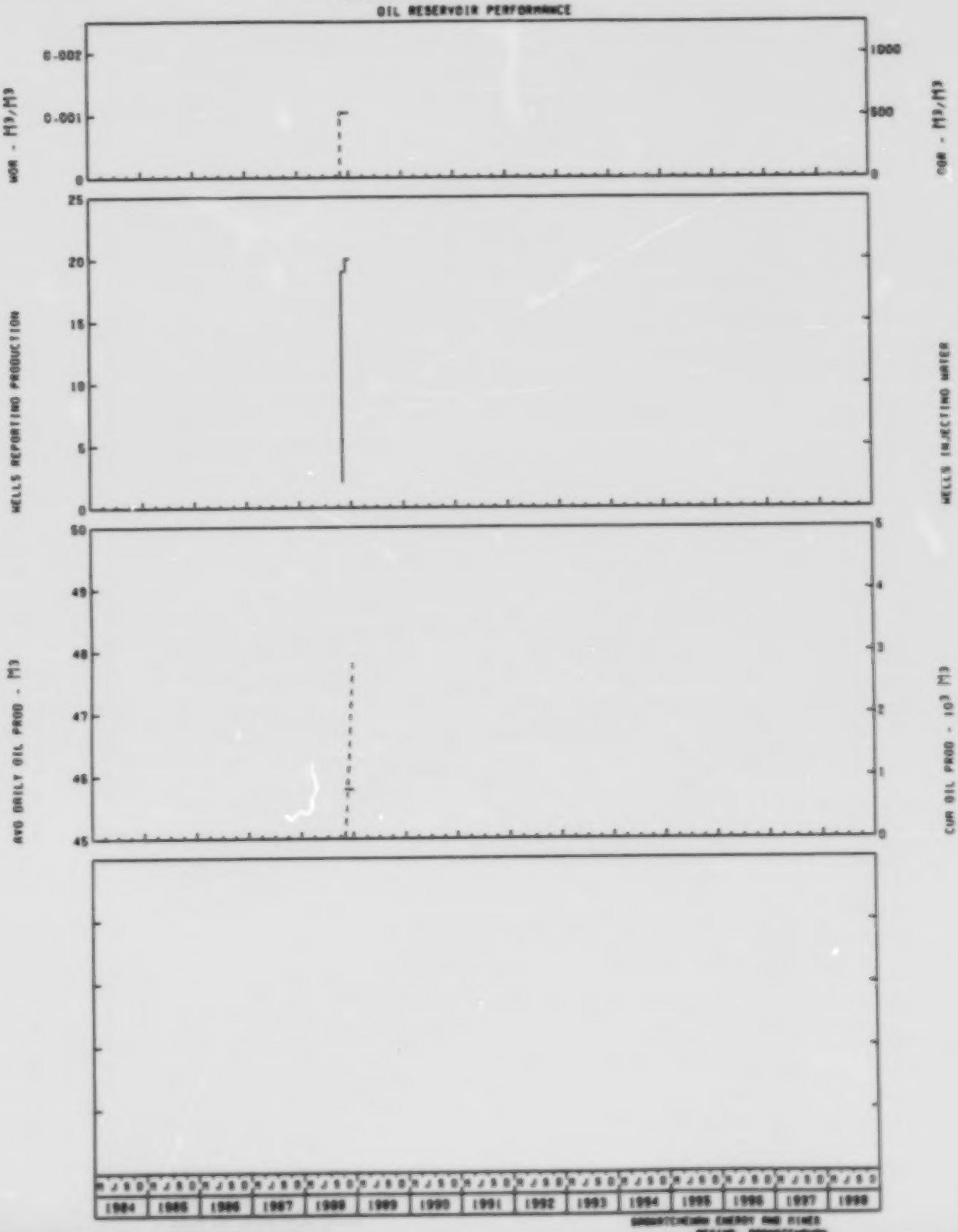
DAGGATCHEWAN ENERGY AND MINES
REGINA, DAGGATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND VIKING SAND POOL

NTH DODSLAND VIK VOL U •2

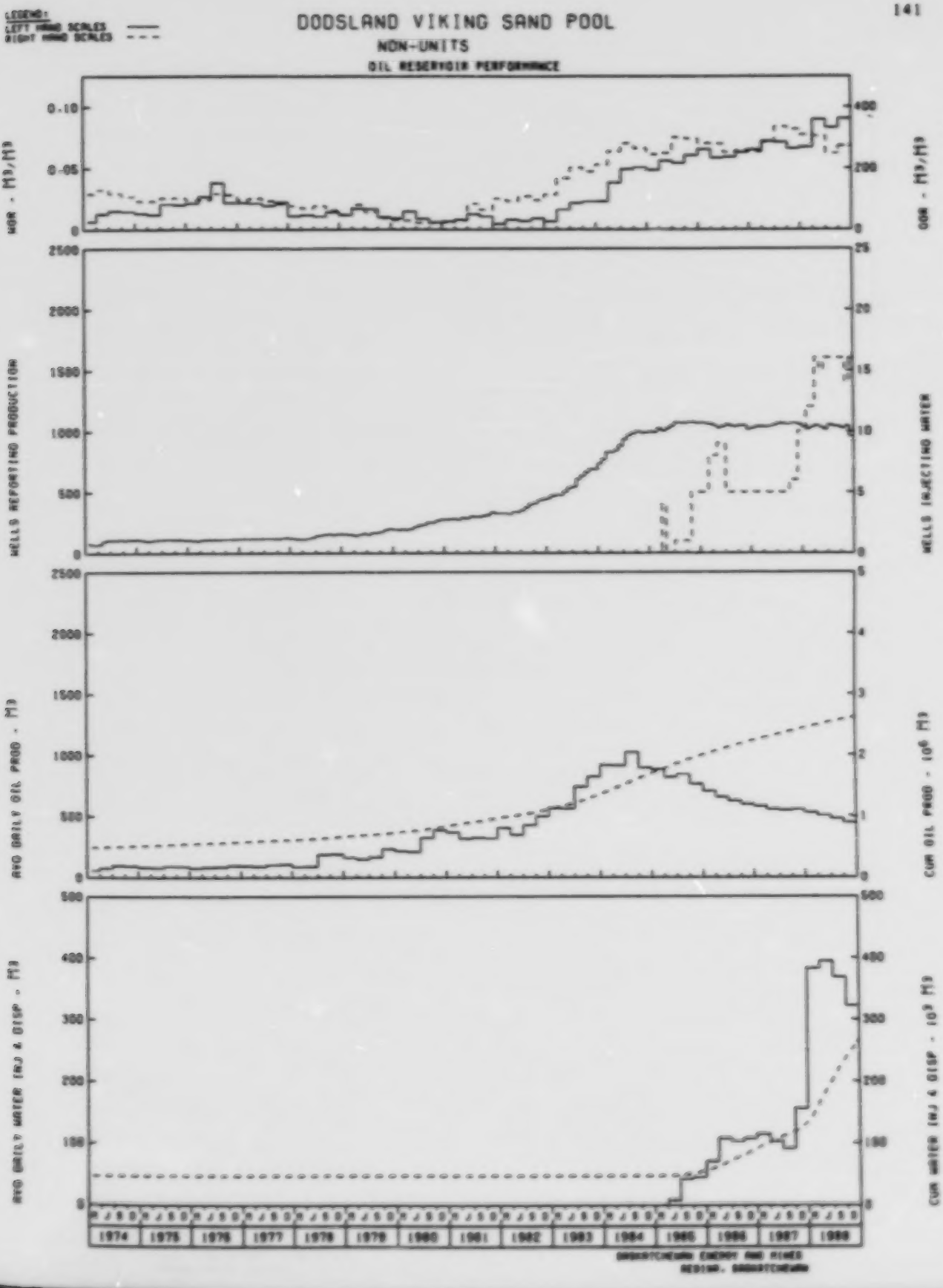
OIL RESERVOIR PERFORMANCE



DODSLAND VIKING SAND POOL

NON-UNITS

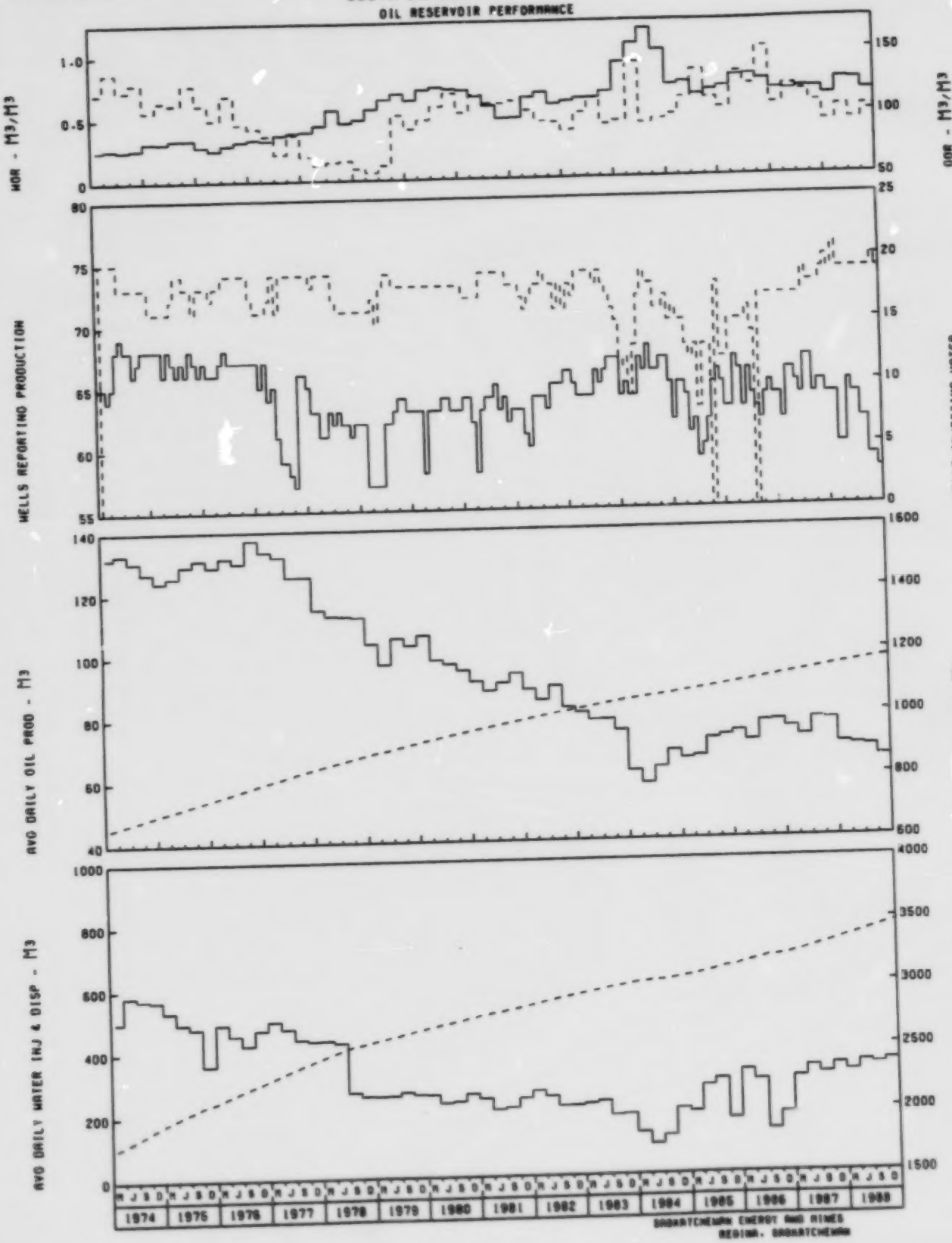
OIL RESERVOIR PERFORMANCE



EUREKA VIKING POOL

SOUTH EUREKA UNIT

OIL RESERVOIR PERFORMANCE

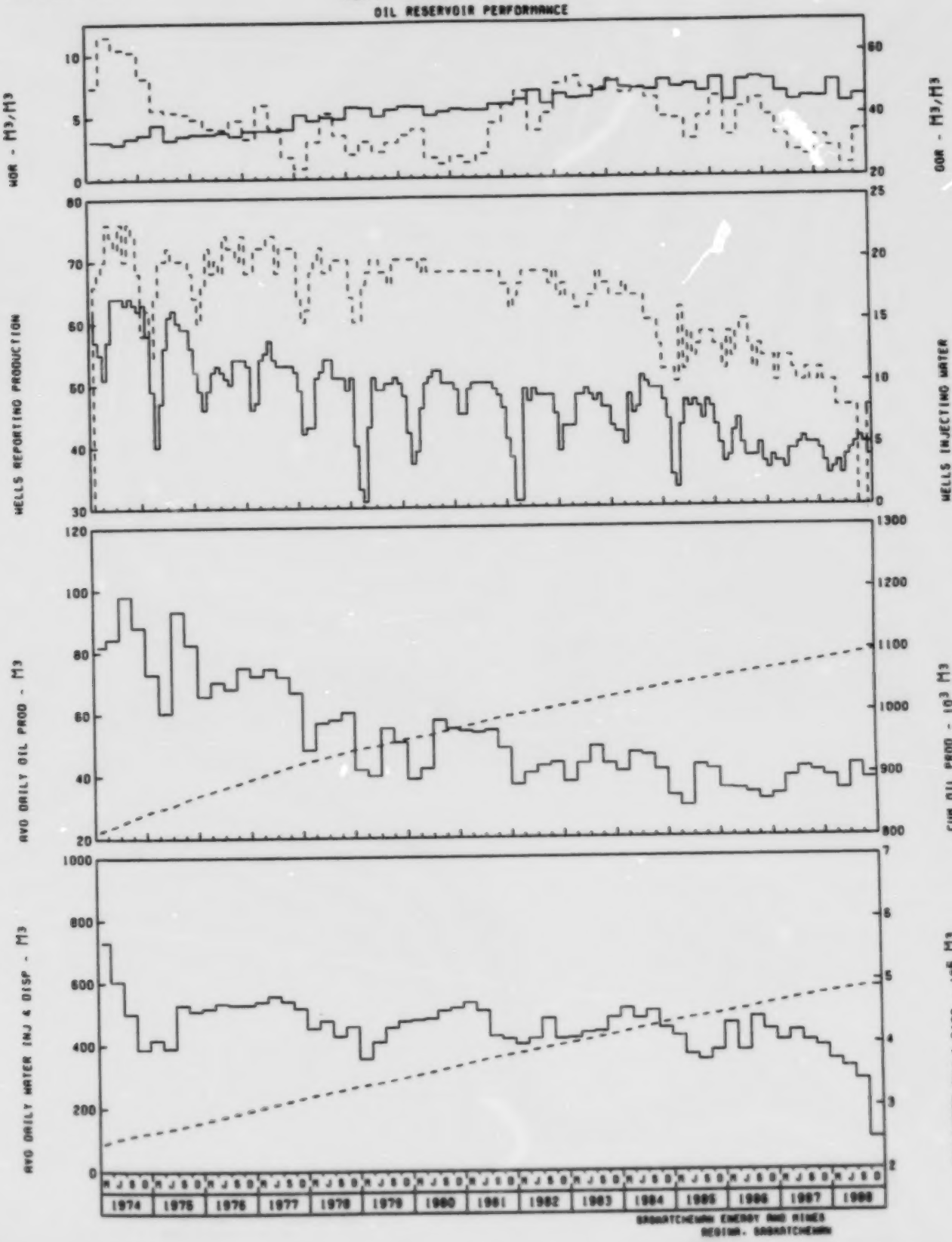


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EUREKA VIKING POOL

NORTH EUREKA UNIT

OIL RESERVOIR PERFORMANCE



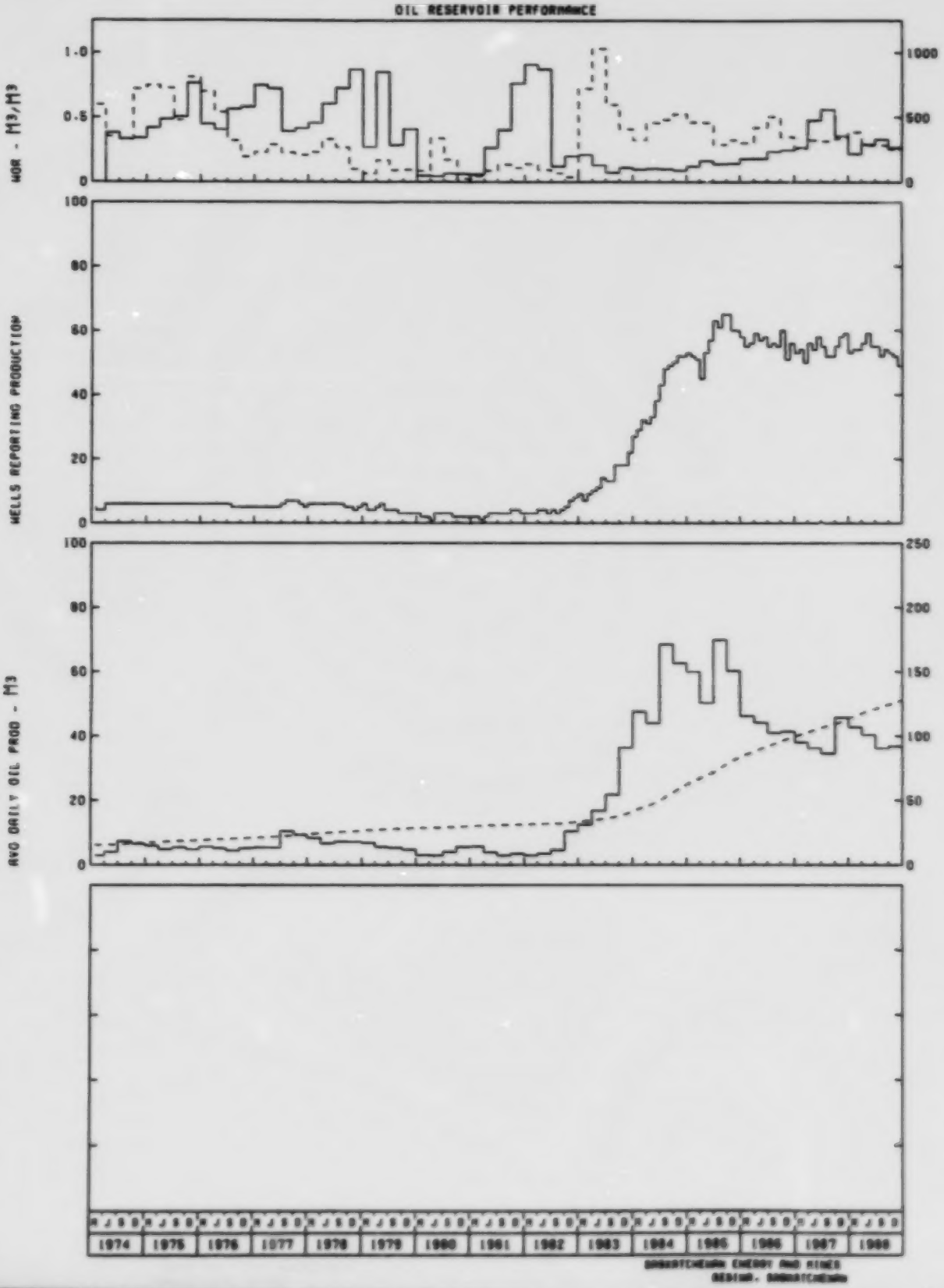
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EUREKA VIKING POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



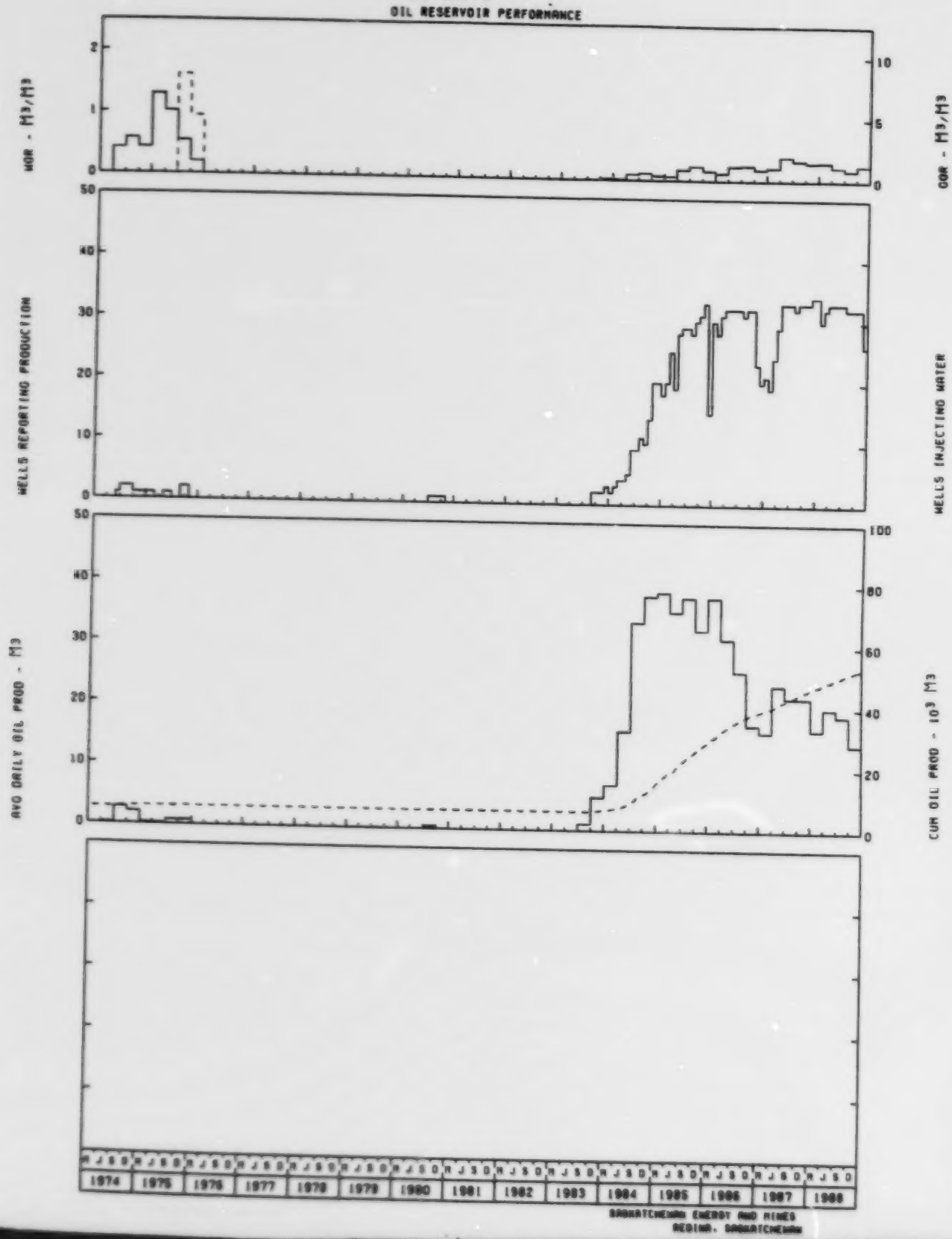
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FORGAN VIKING SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



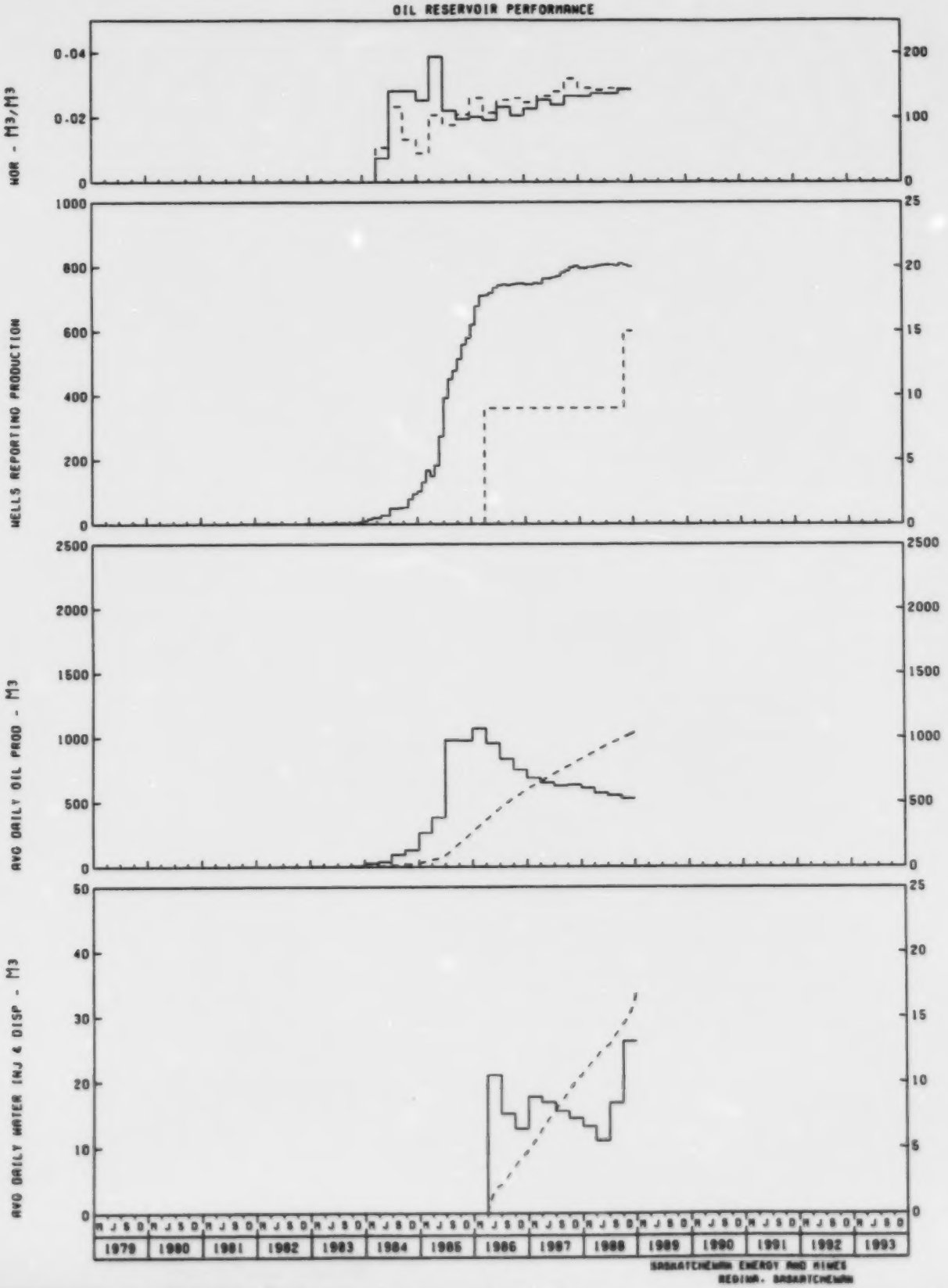
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

KERROBERT VIKING SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



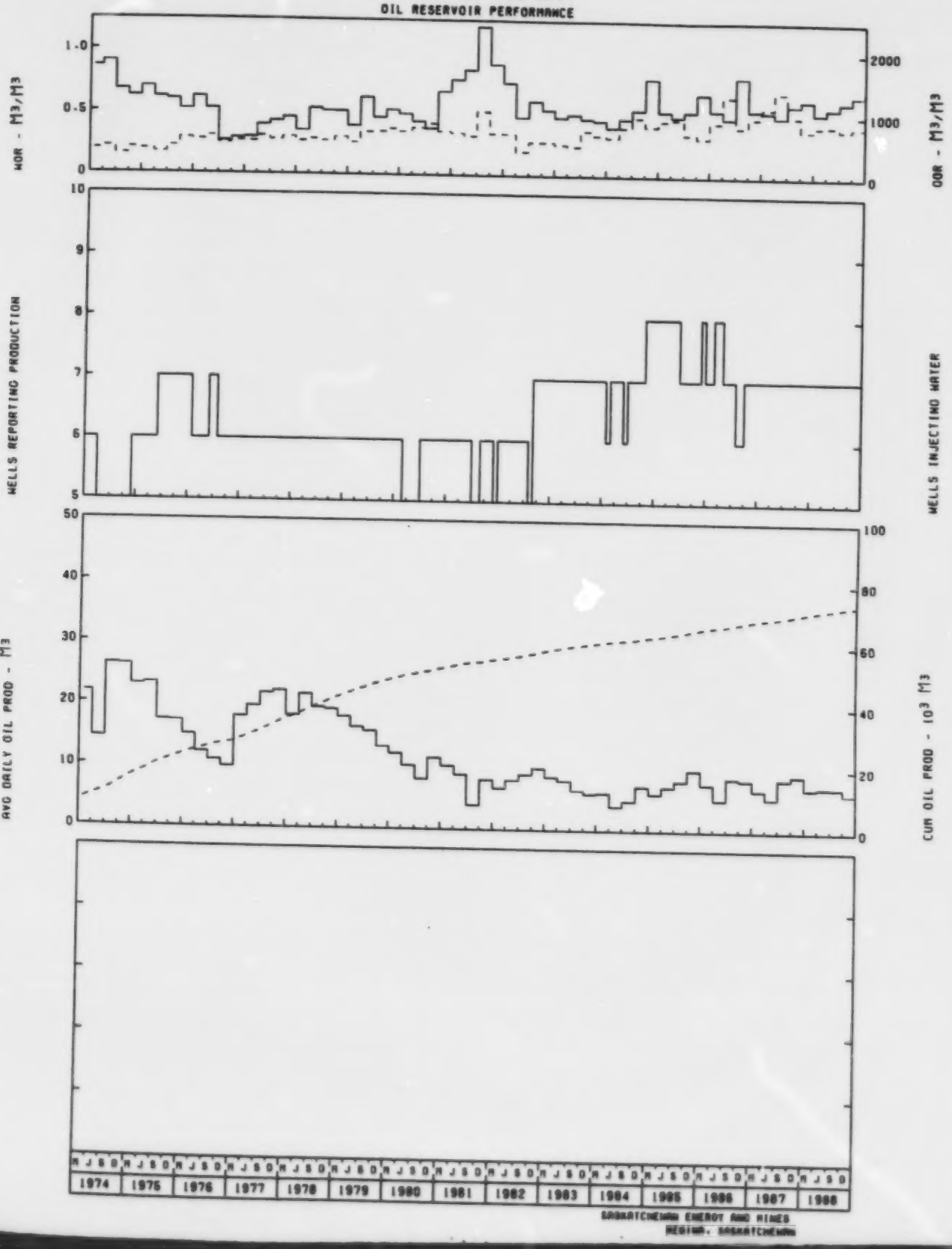
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LUCKY HILLS VIKING POOL

LUCKY HILLS VIK SD VOL UNIT

OIL RESERVOIR PERFORMANCE



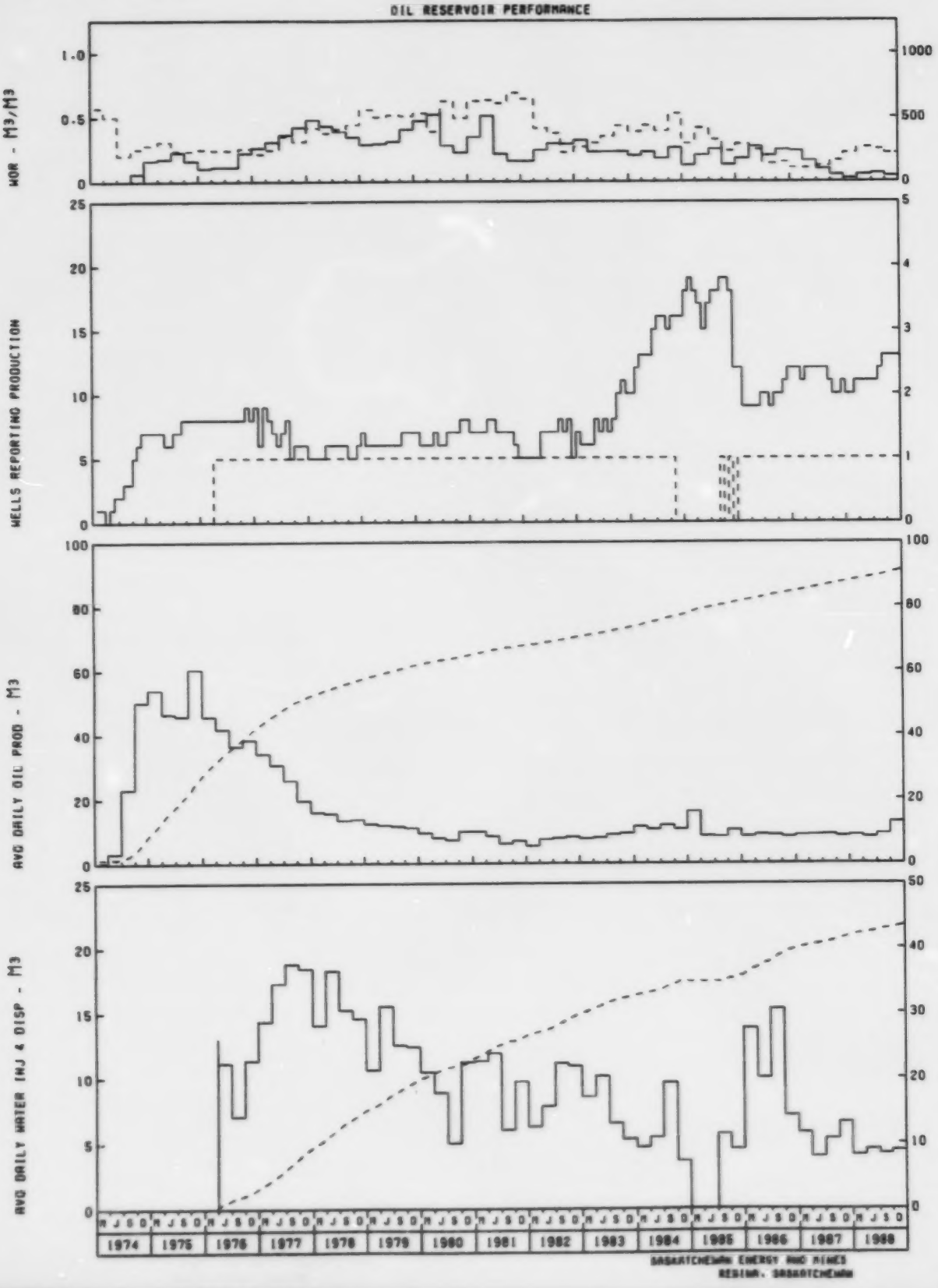
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LUCKY HILLS VIKING POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



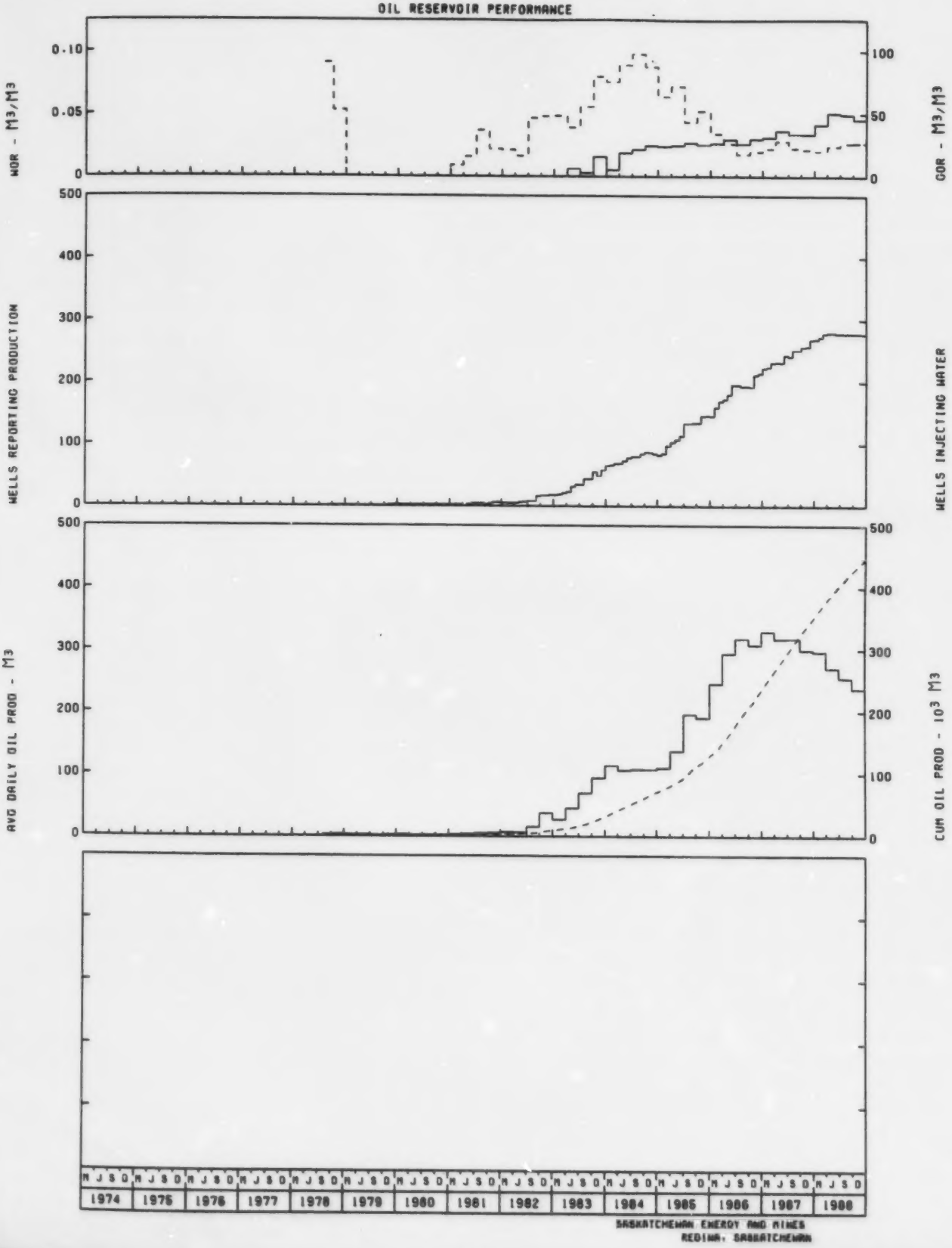
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PLATO NORTH VIKING POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



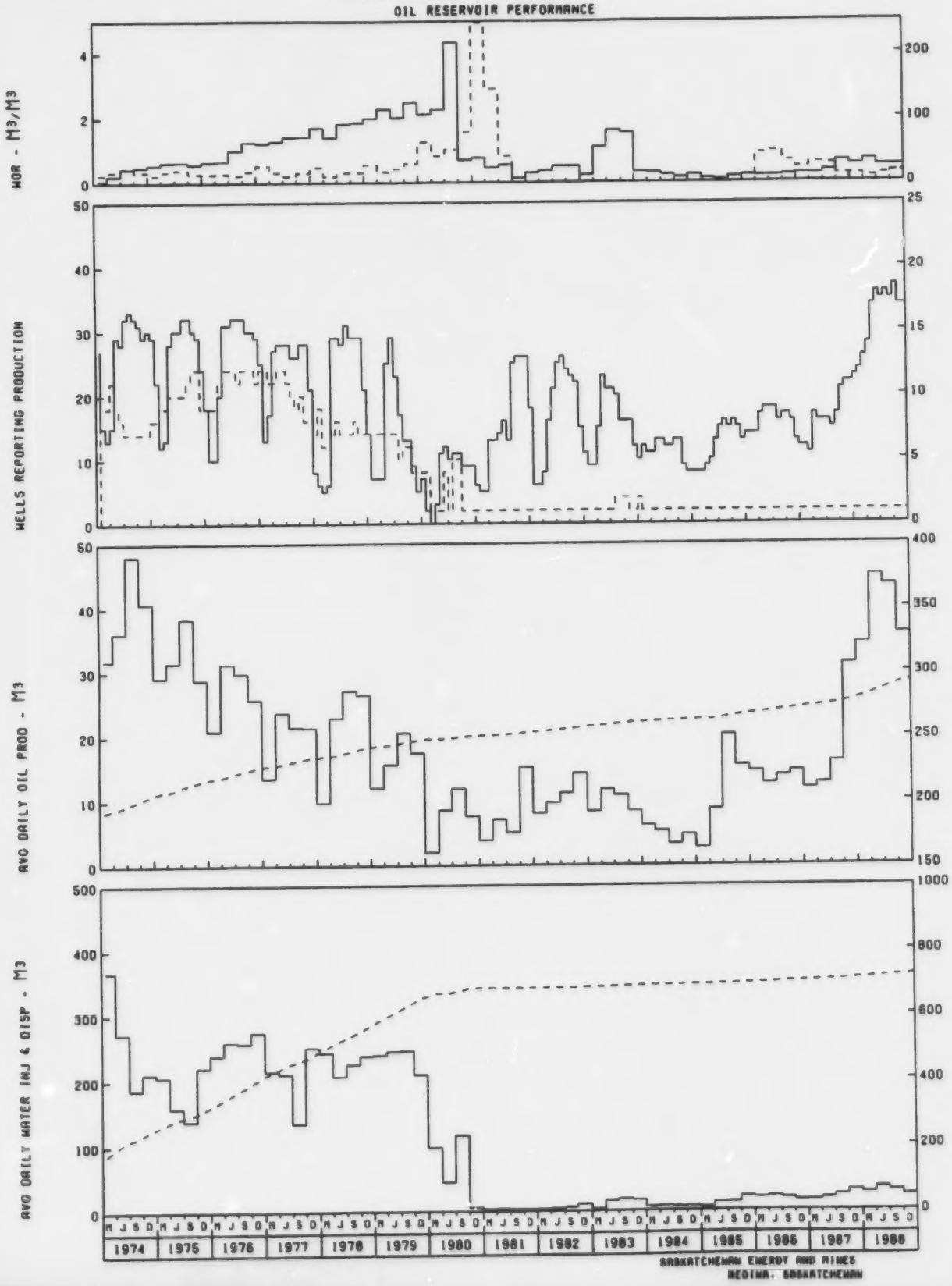
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PLATO VIKING POOL

PLATO VIKING VOL UNIT 1

OIL RESERVOIR PERFORMANCE



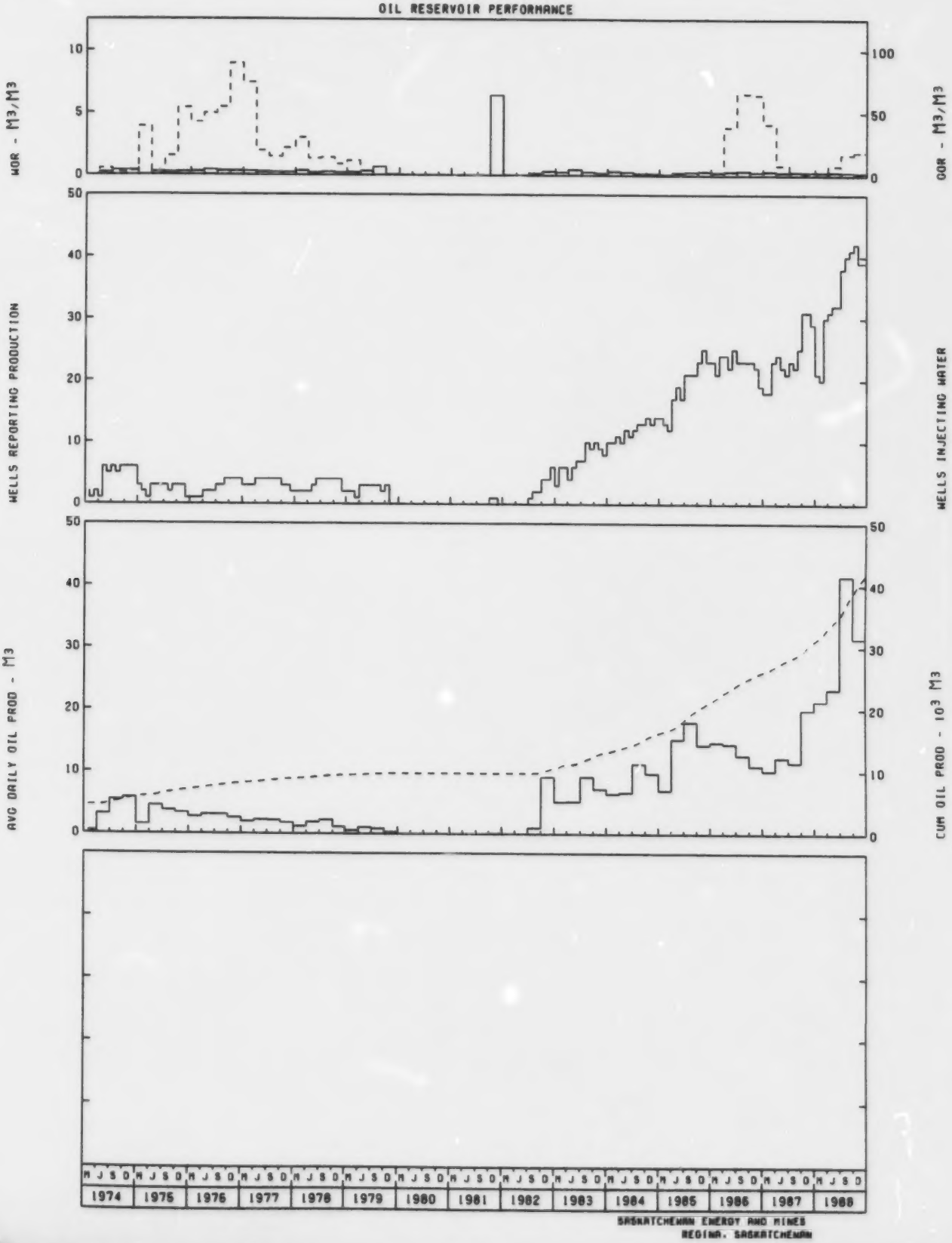
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PLATO VIKING POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

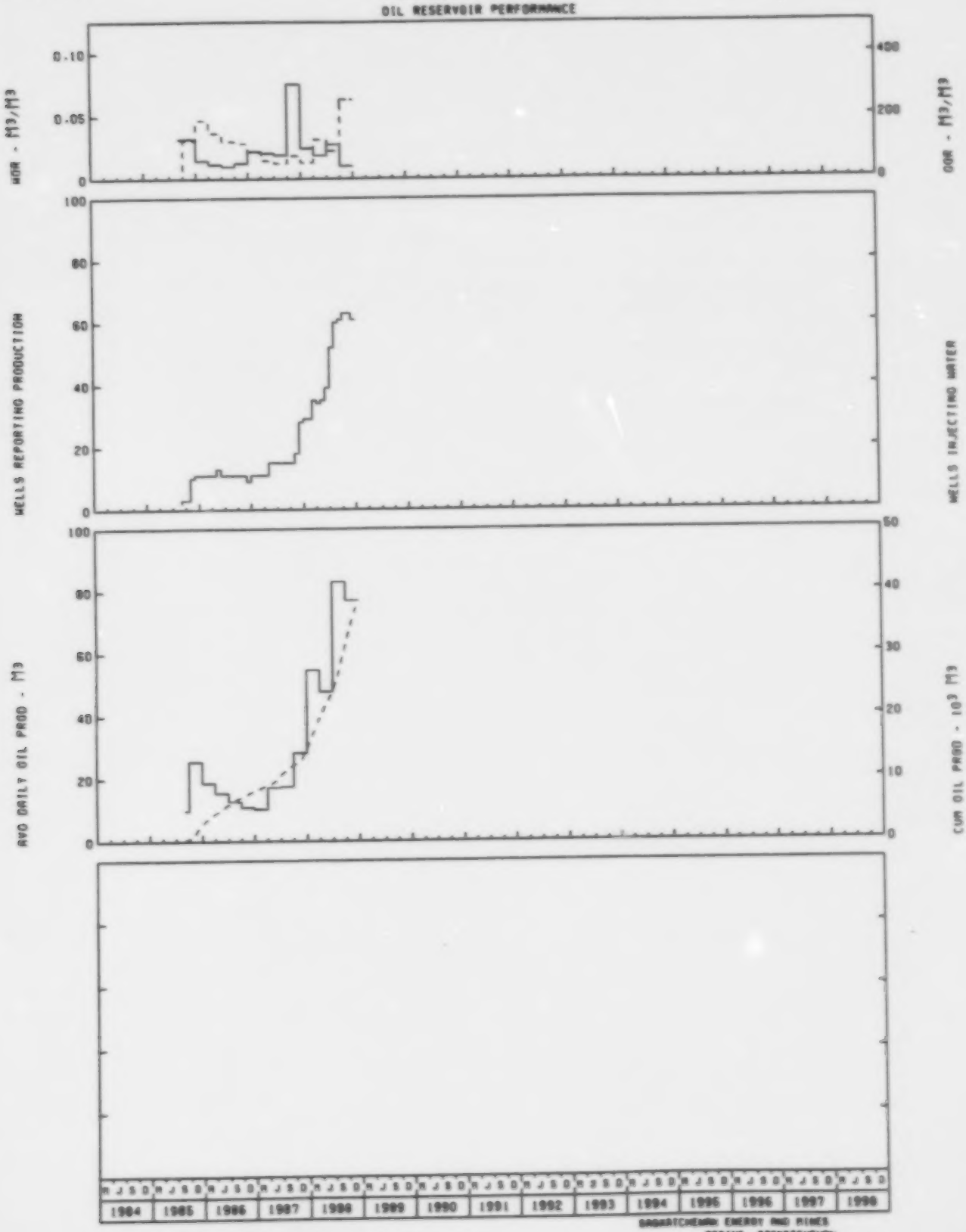


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

PLENTY VIKING SAND POOL

NON-UNITS

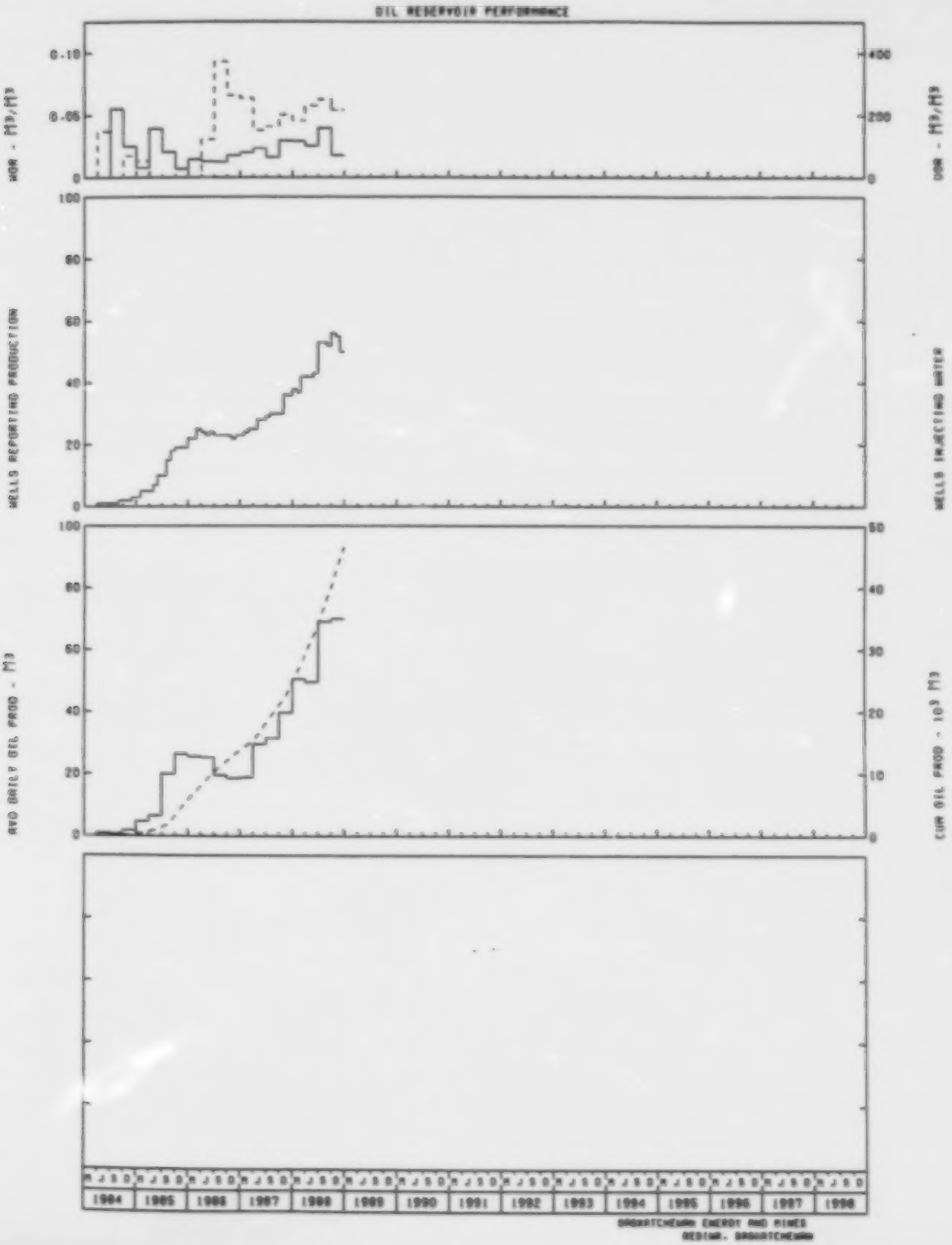
OIL RESERVOIR PERFORMANCE



PRAIRIEDALE VIKING SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

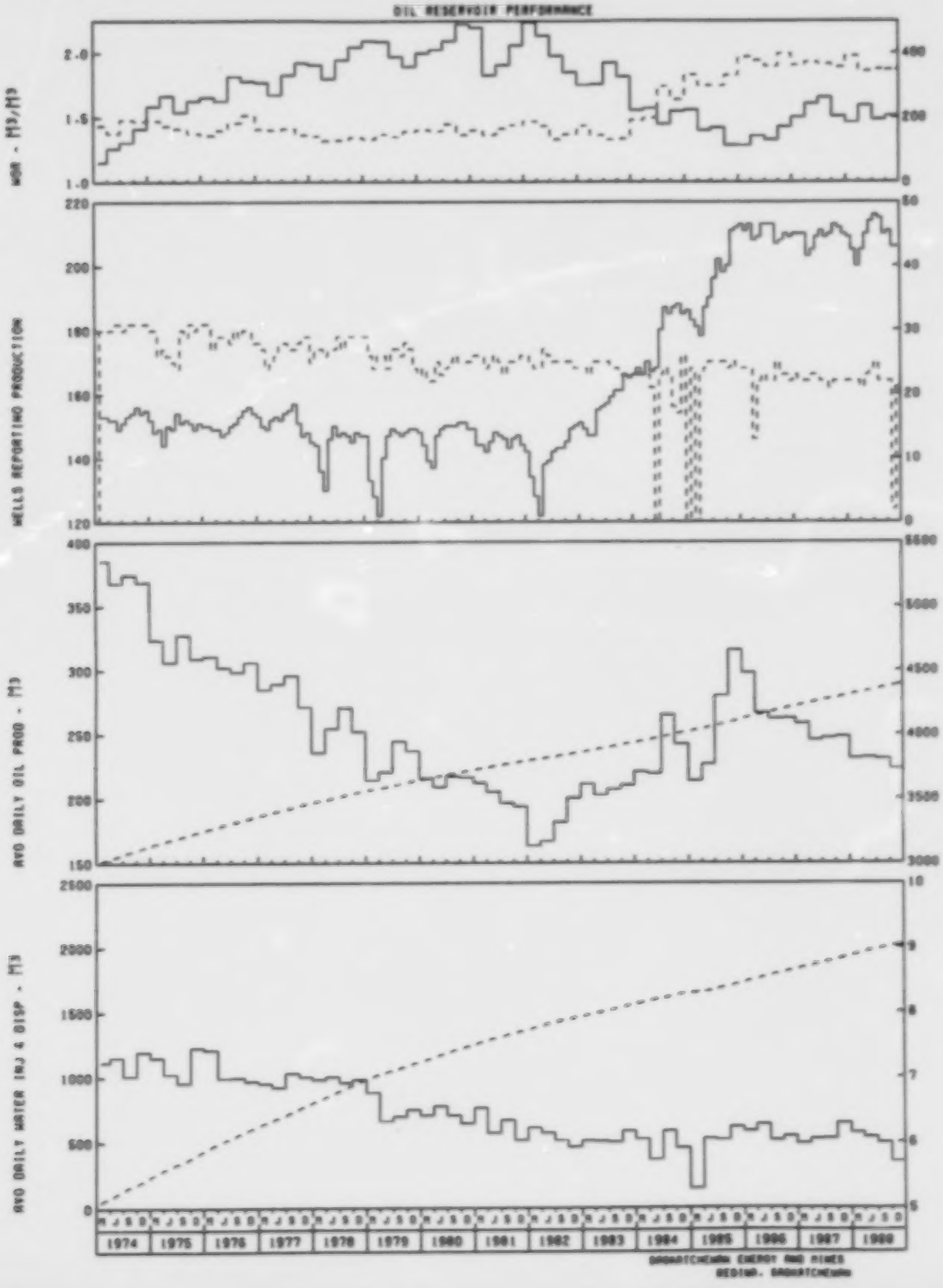


DEPARTMENT OF ENERGY AND MINES
REGINA, SASKATCHEWAN

SMILEY DEWAR VIKING POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

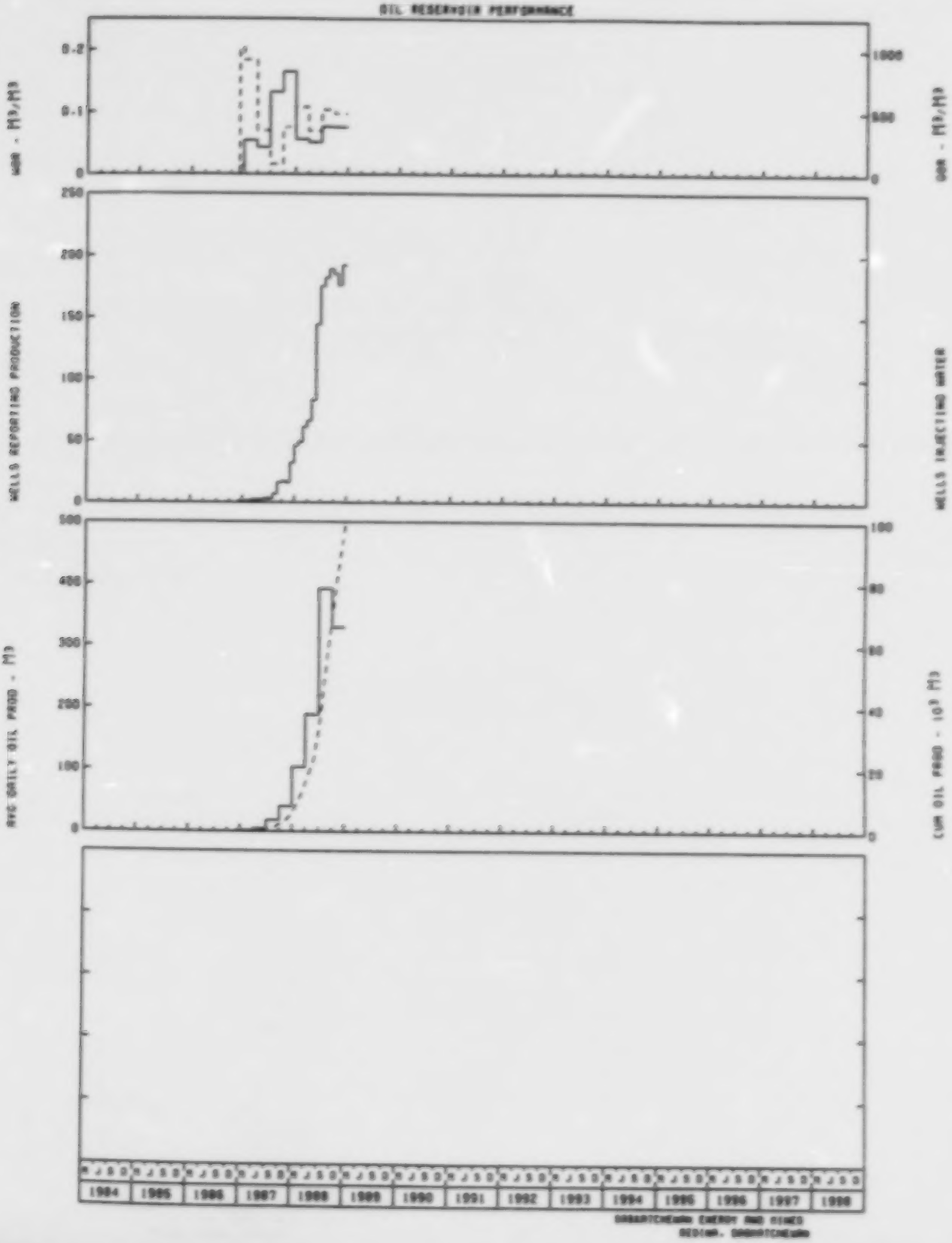


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

VERENDRYE VIKING SAND POOL

NON-UNITS

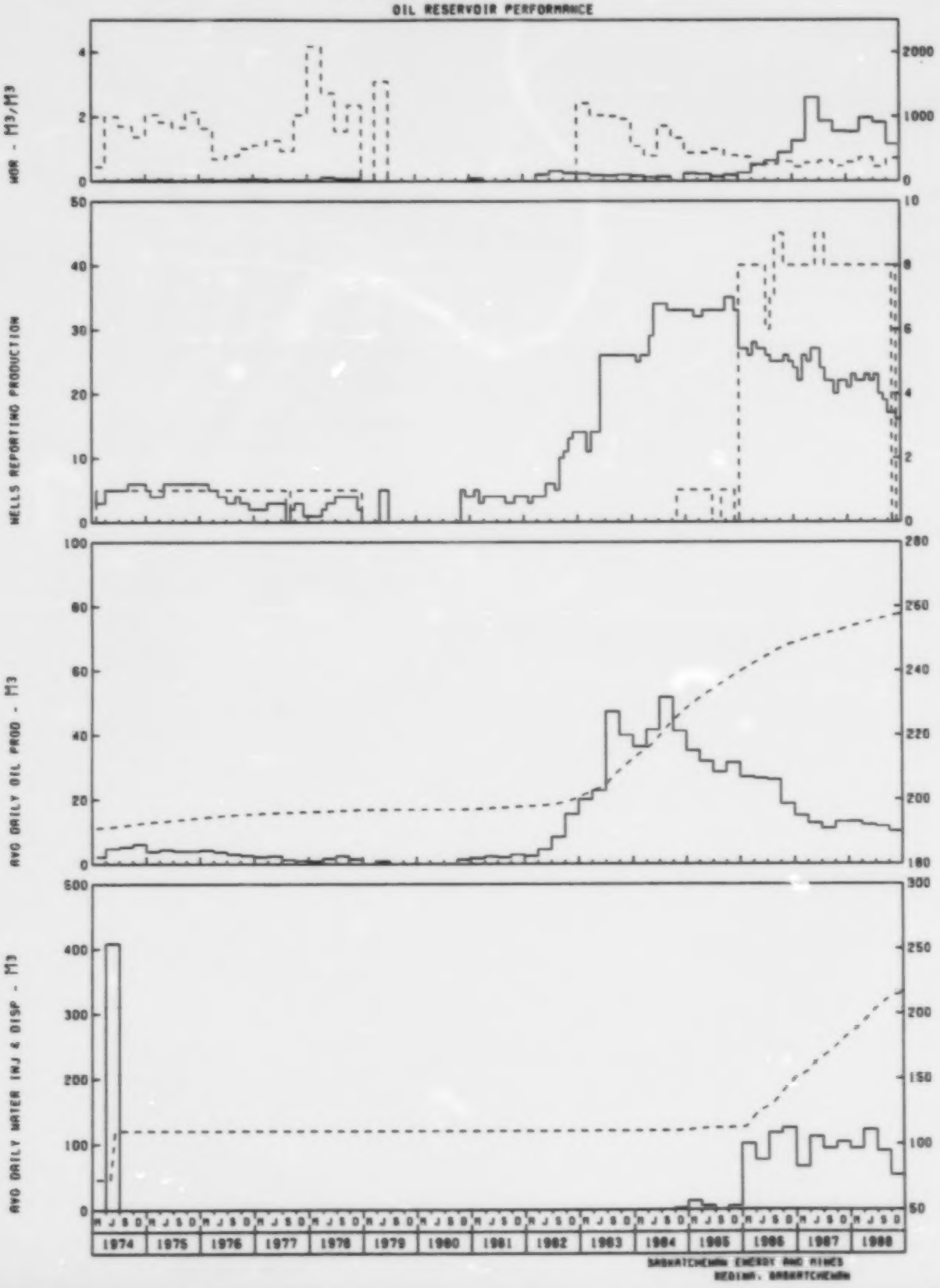
OIL RESERVOIR PERFORMANCE



WHITESIDE VIKING SAND POOL

WHITESIDE VIKING VOL UNIT

OIL RESERVOIR PERFORMANCE

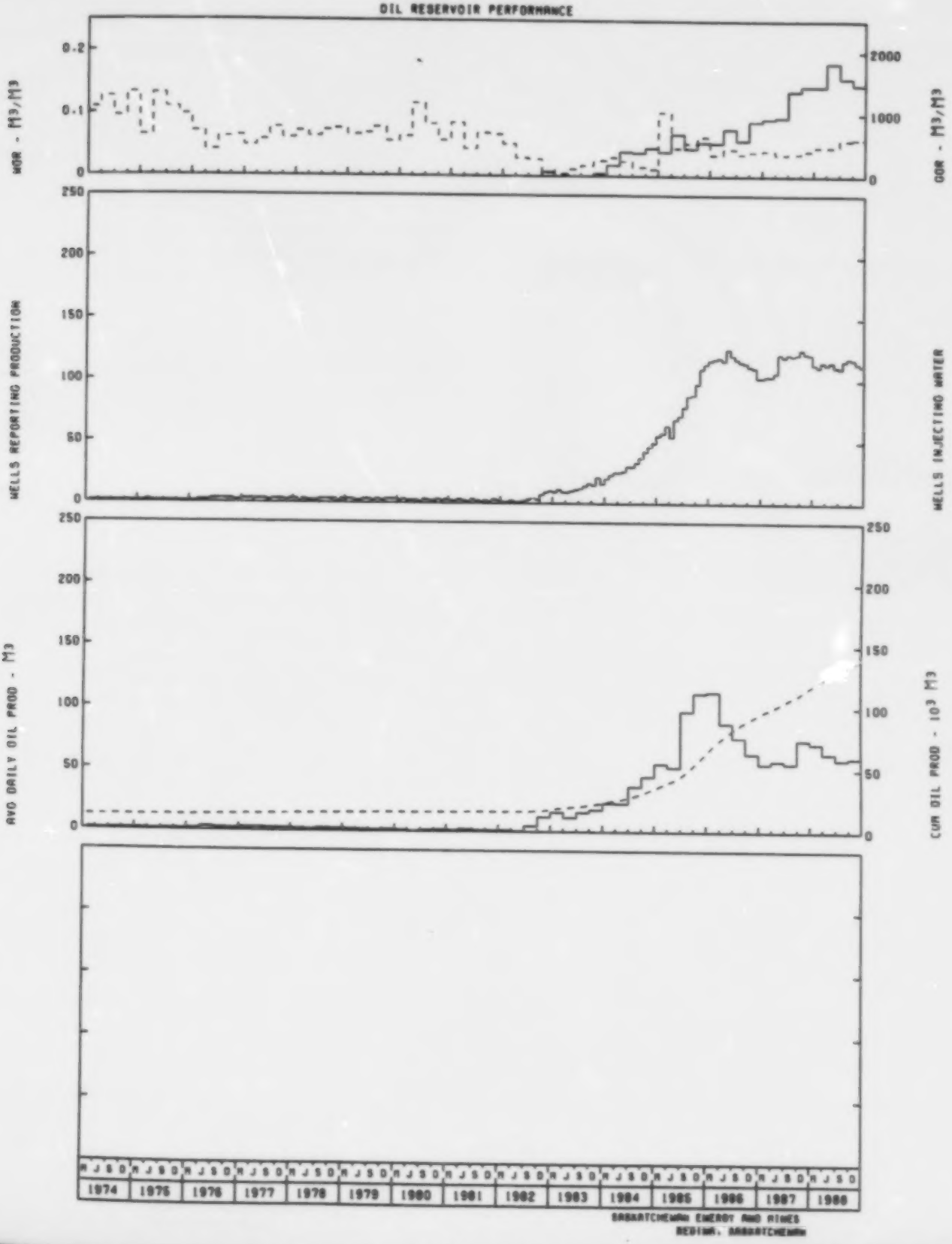


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WHITESIDE VIKING SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



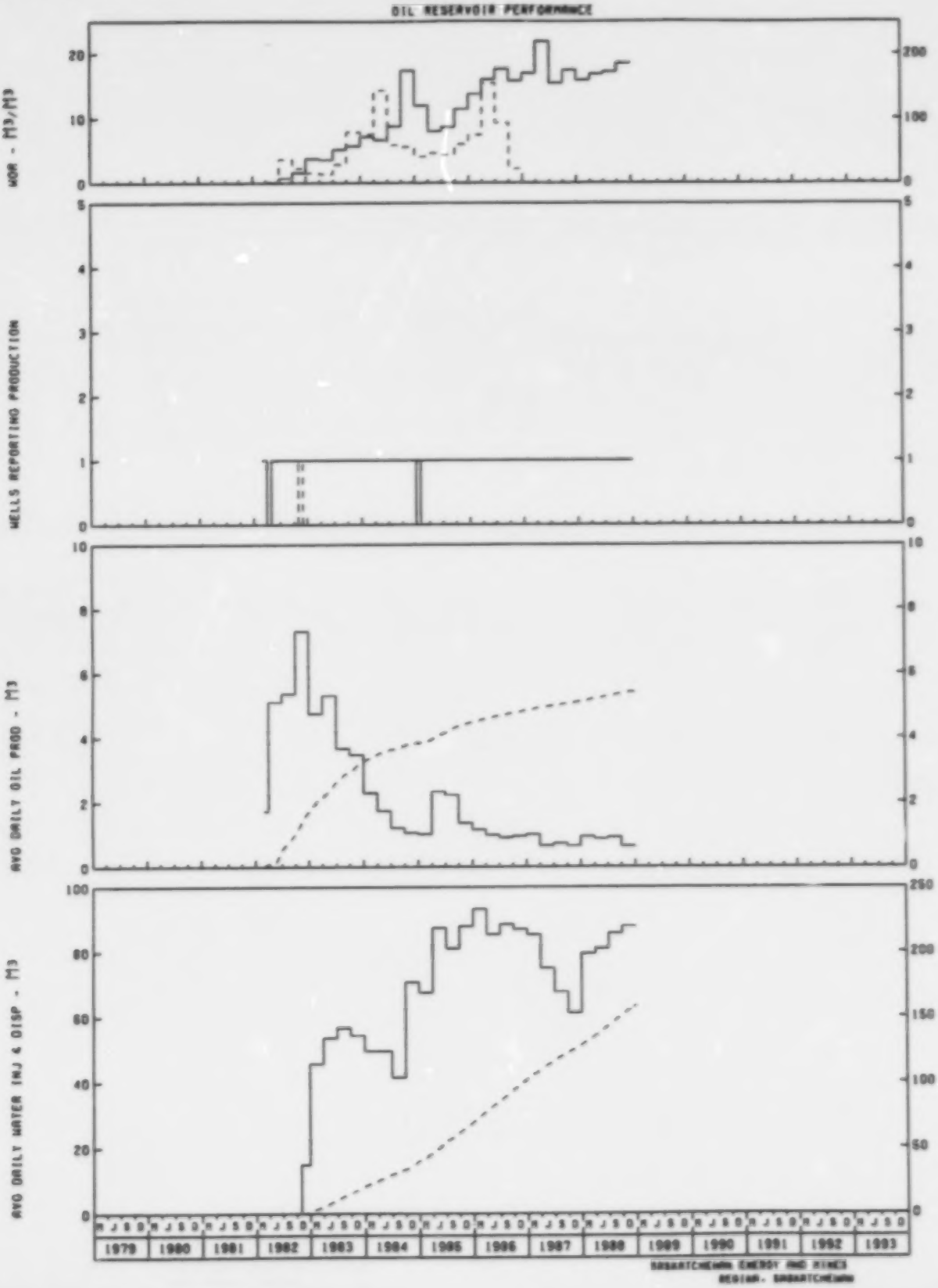
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ANTELOPE LAKE EAST ROSERAY SD PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

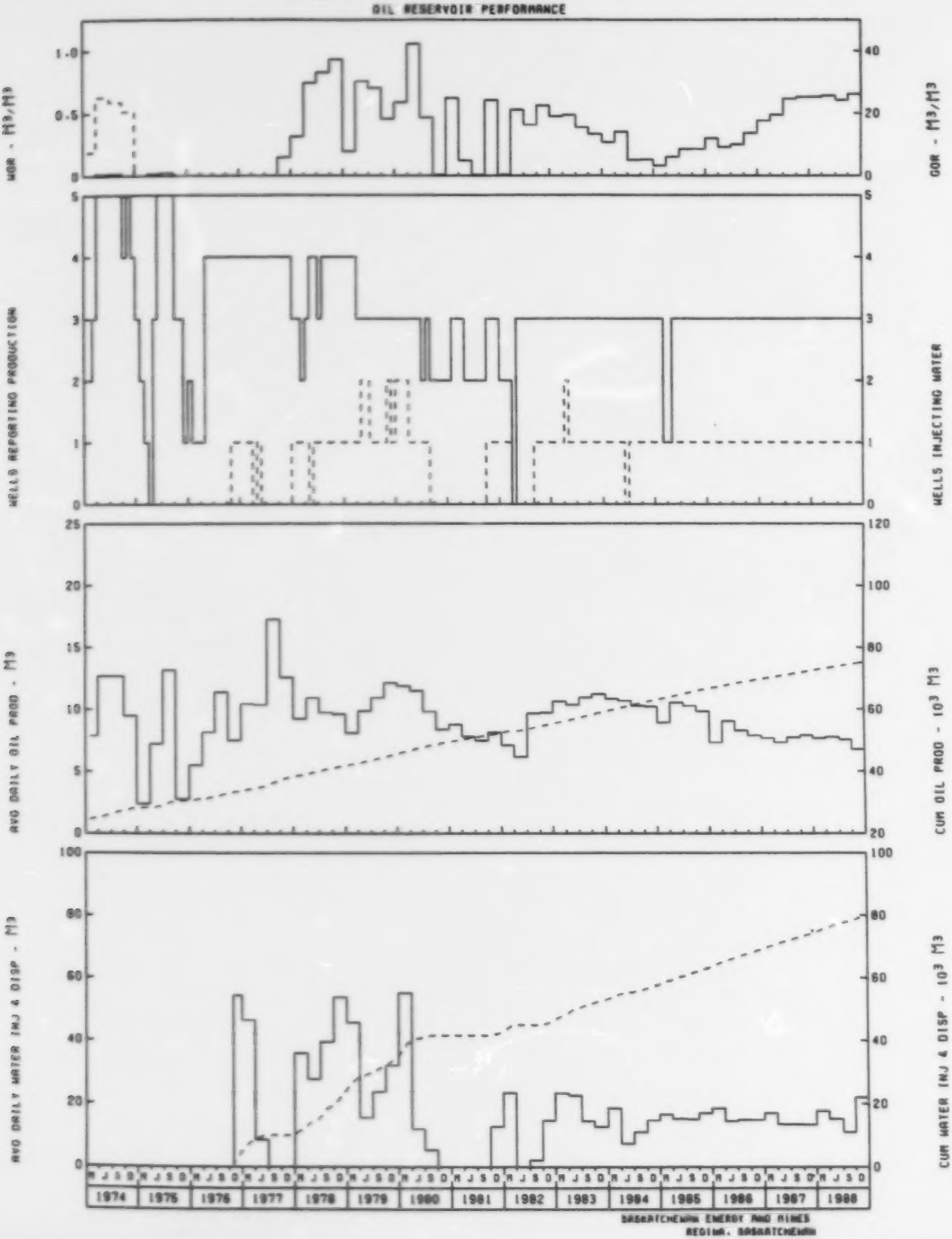


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ANTELOPE LAKE U SHAUNAVON POOL

ANTELOPE LK U SHAUN VOL UNIT

OIL RESERVOIR PERFORMANCE



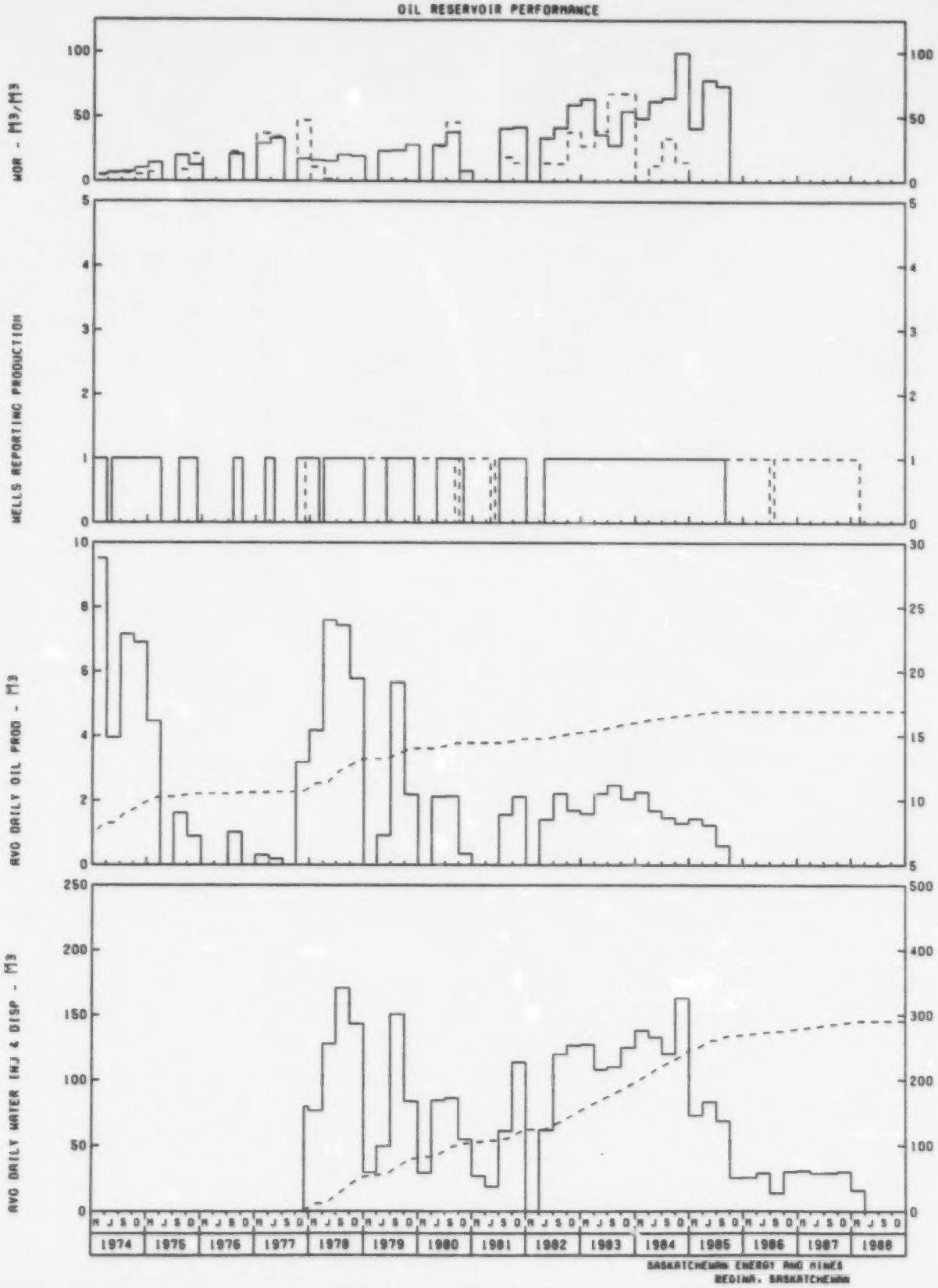
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTLE CREEK MADISON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



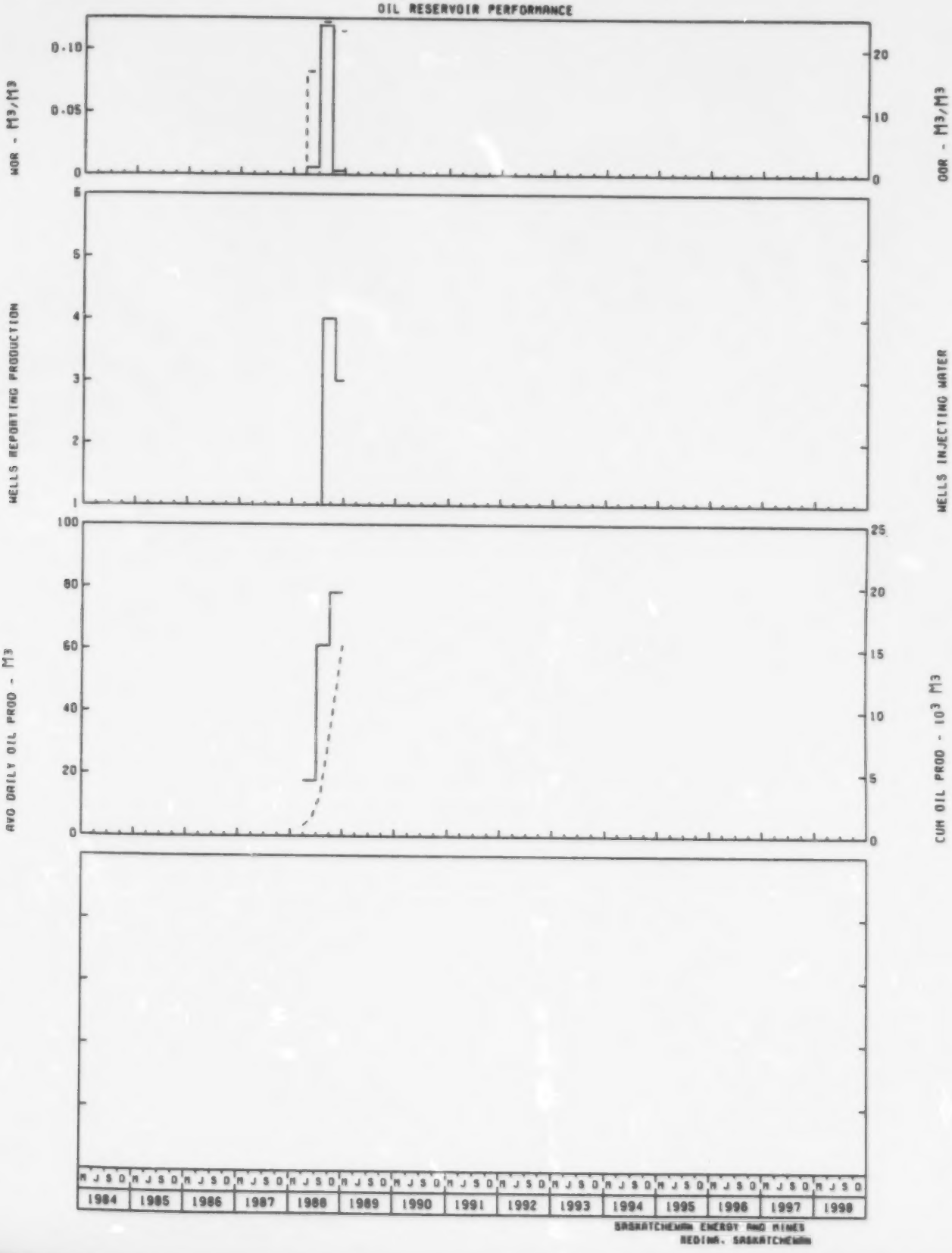
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTLE CREEK S UPPER SHAUN PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



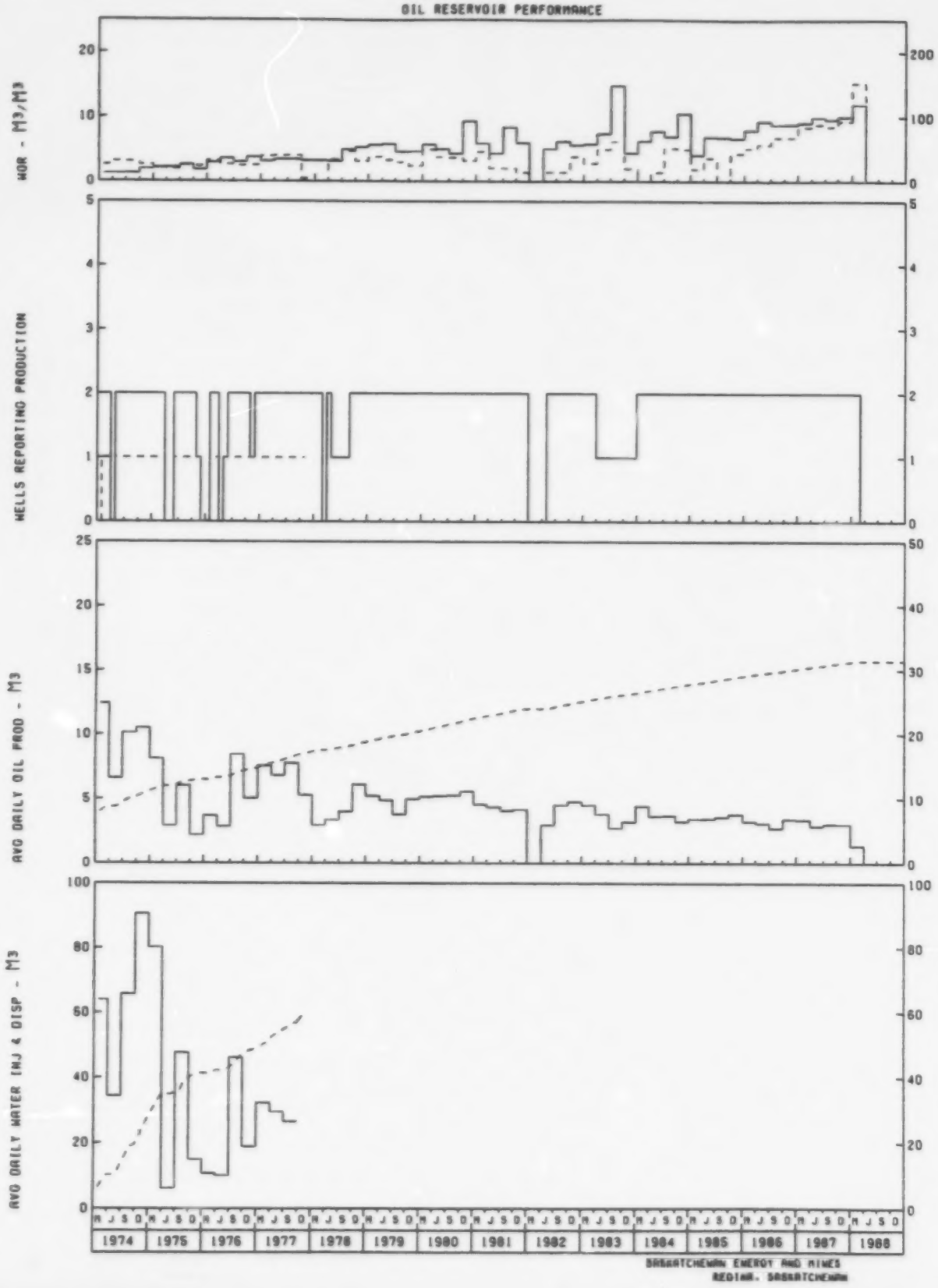
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTLE CREEK UPPER SHAUNAVON PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



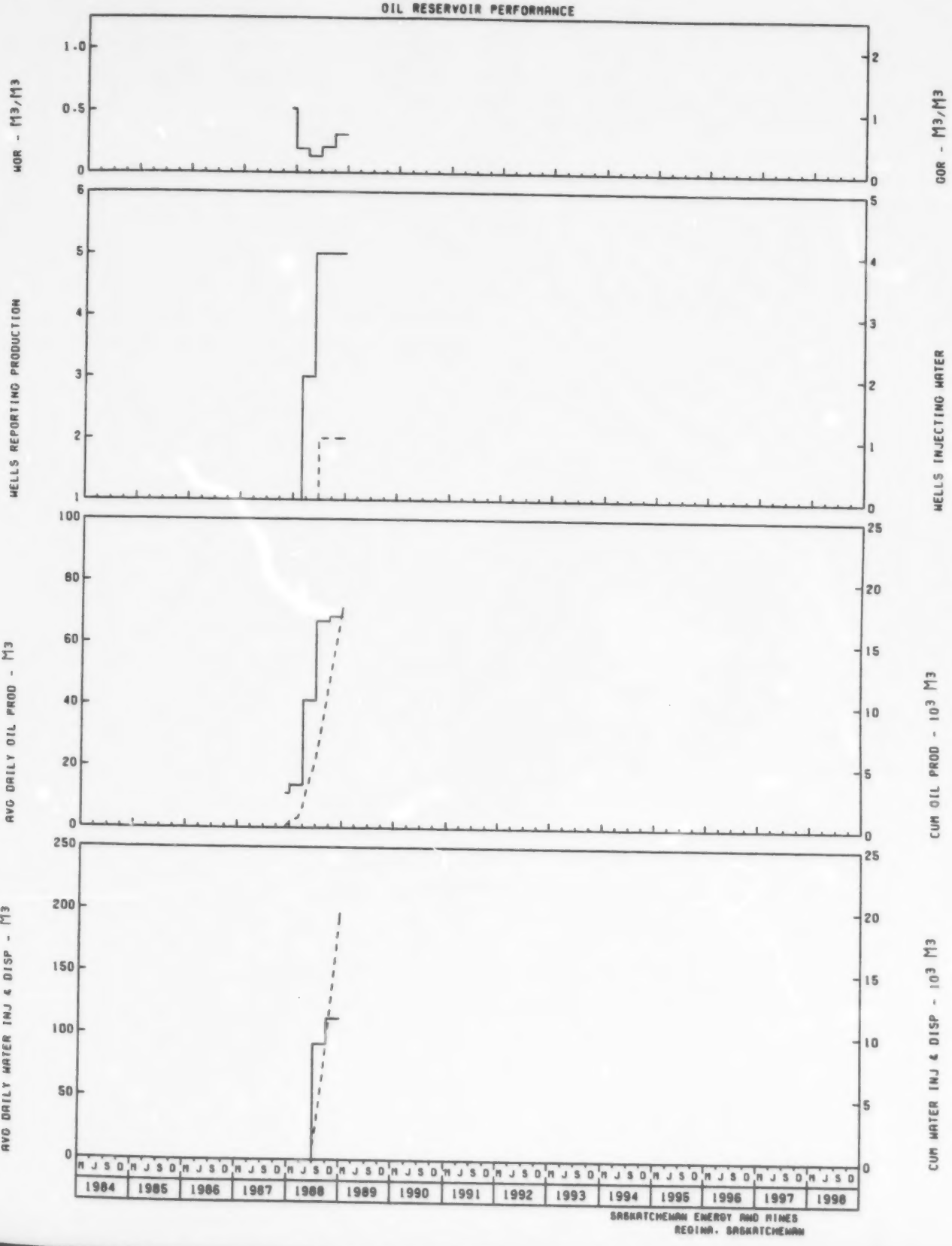
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTRUM EAST ROSERAY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



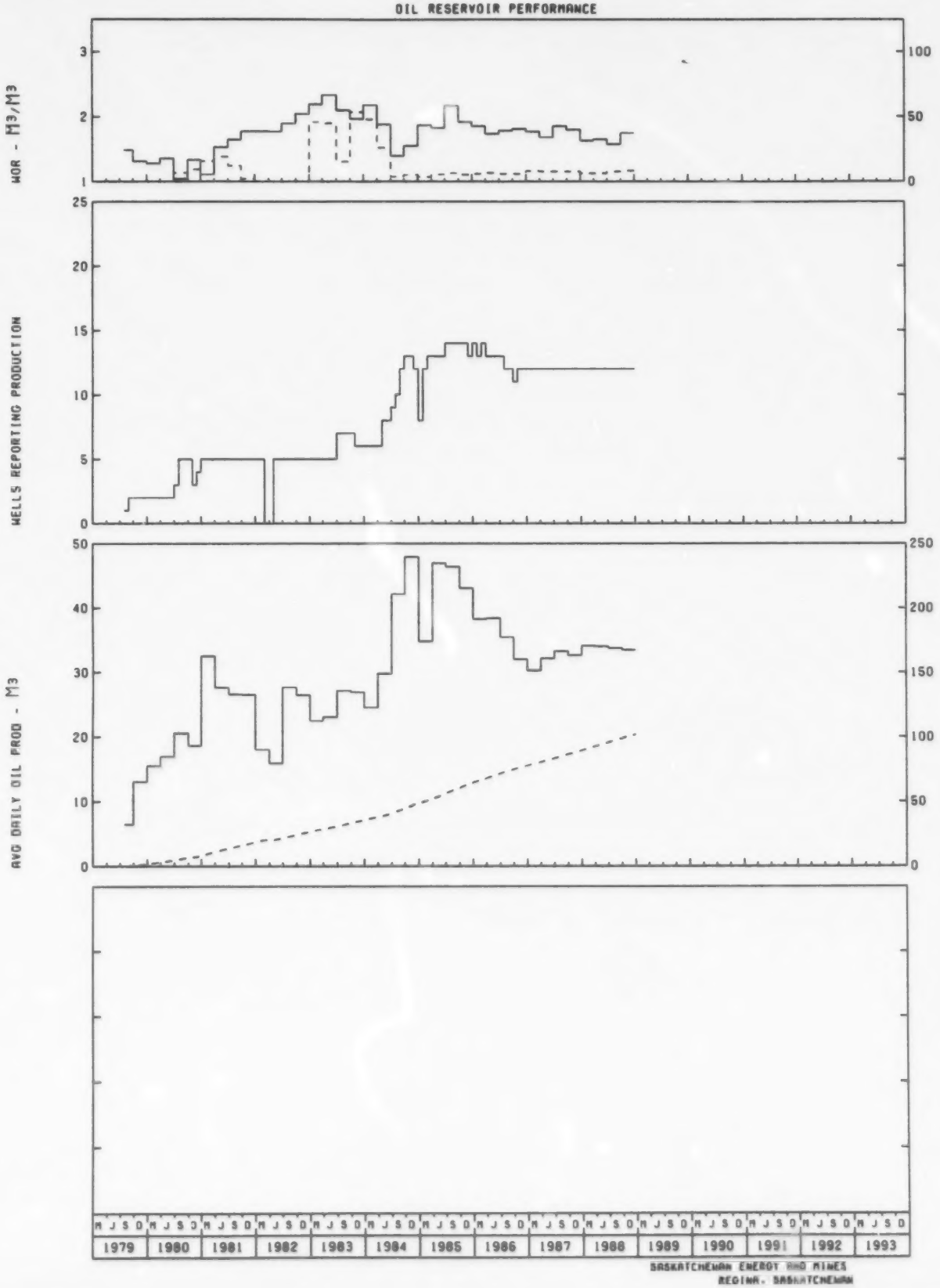
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTRUM NORTH ROSERAY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



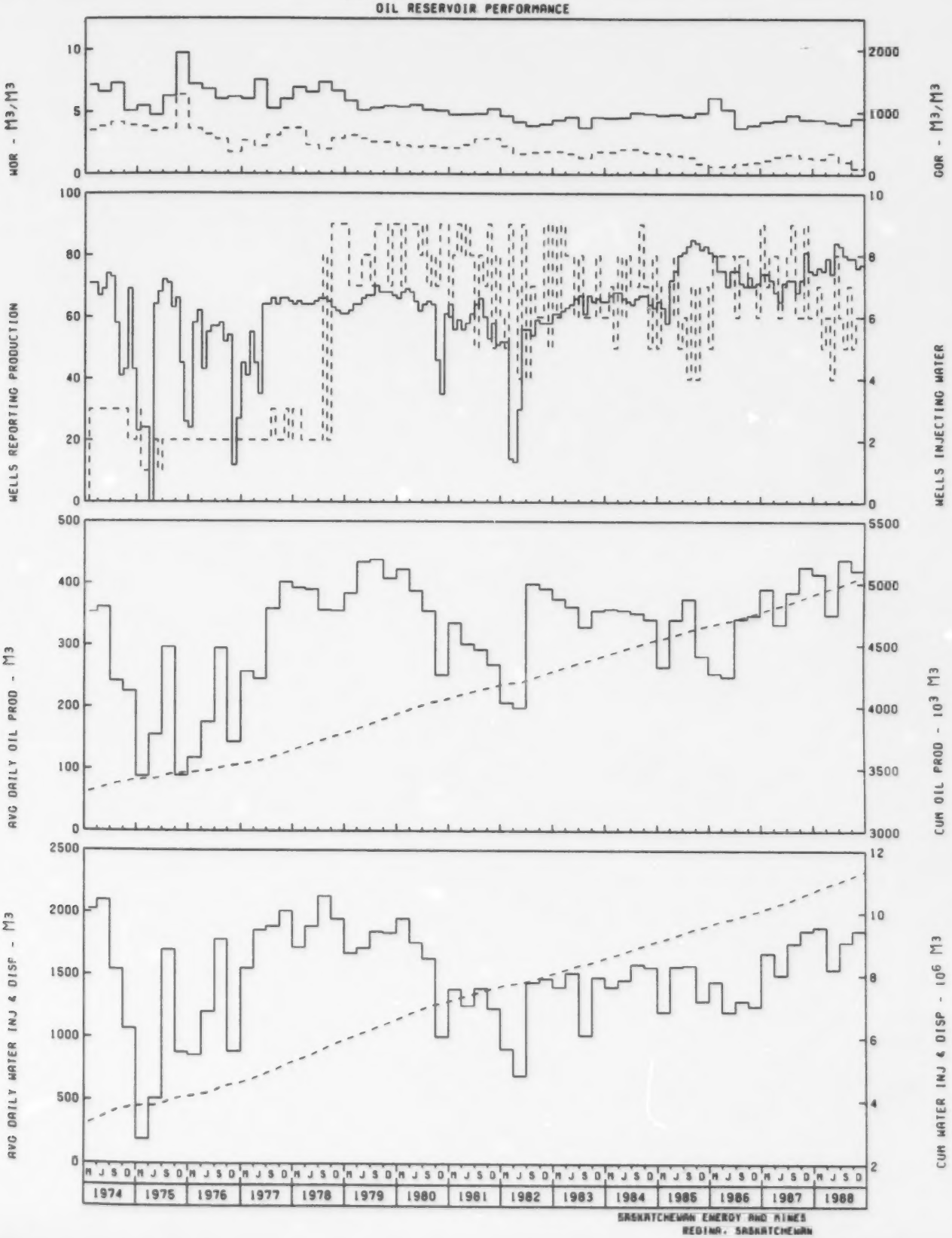
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTRUM ROSERAY SAND POOL

BATTRUM UNIT NO 1

OIL RESERVOIR PERFORMANCE



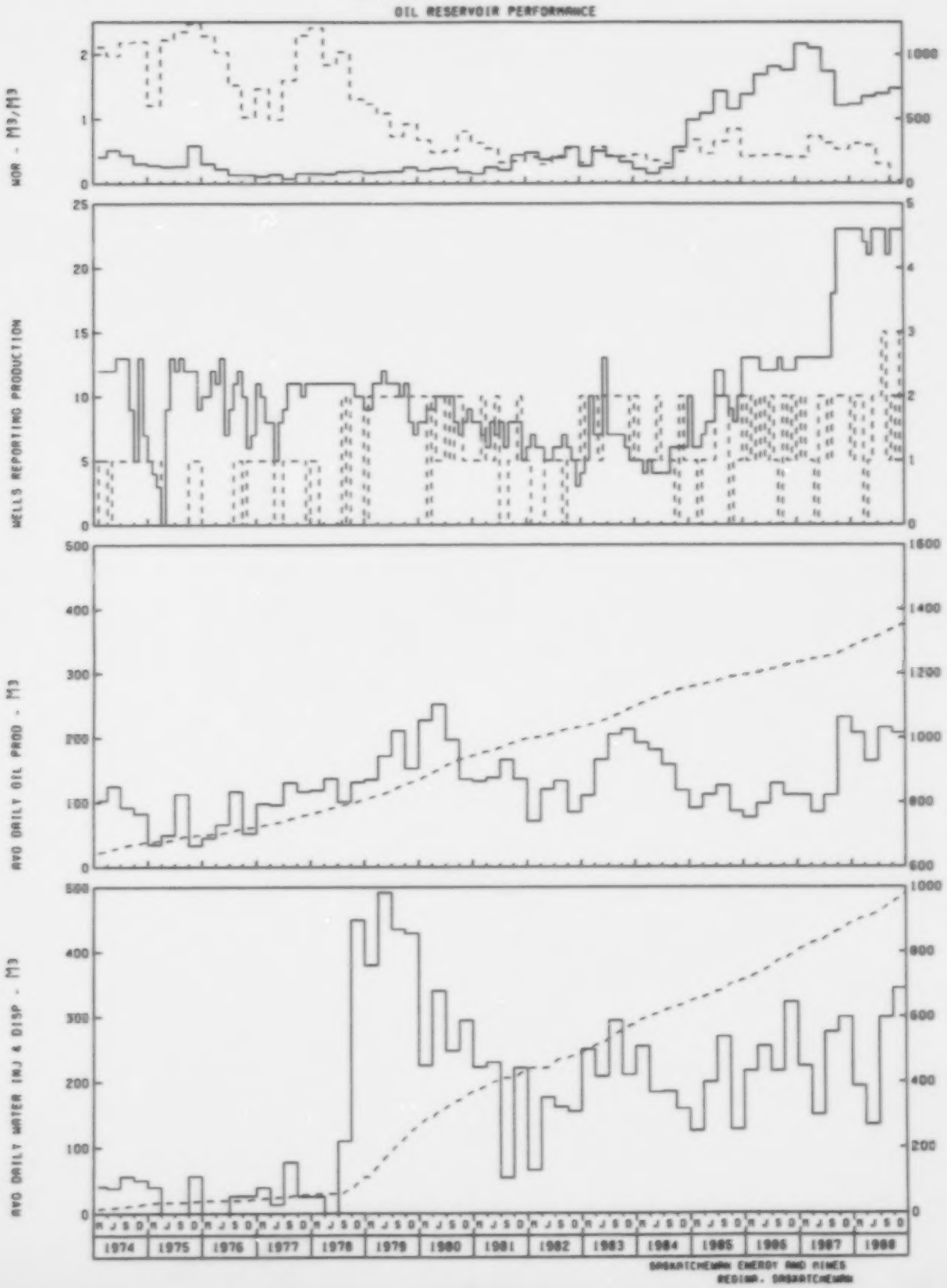
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTRUM ROSERAY SAND POOL

BATTRUM UNIT NO 2

OIL RESERVOIR PERFORMANCE



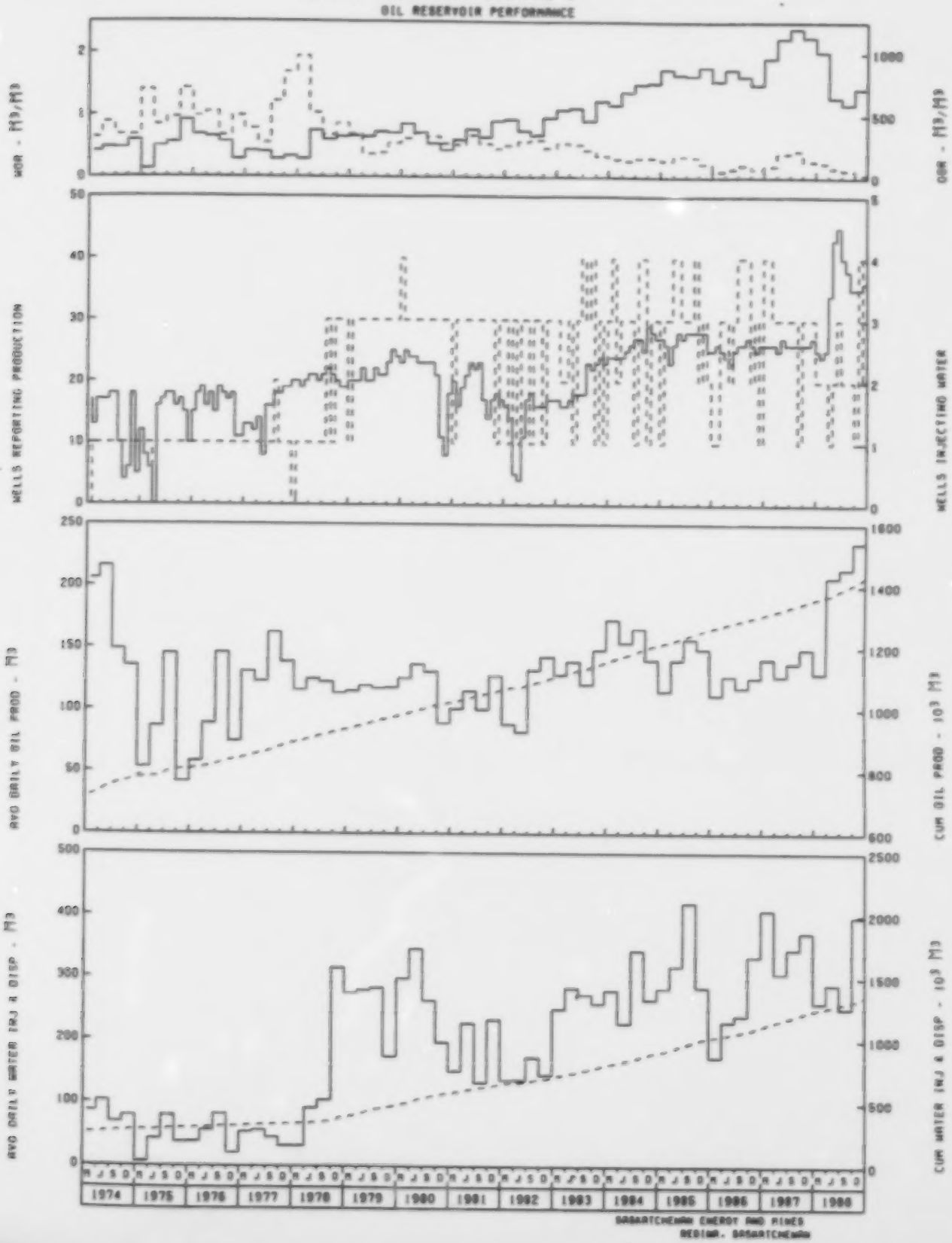
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BATTRUM ROSERAY SAND POOL

BATTRUM VOLUNTARY UNIT NO 3

OIL RESERVOIR PERFORMANCE



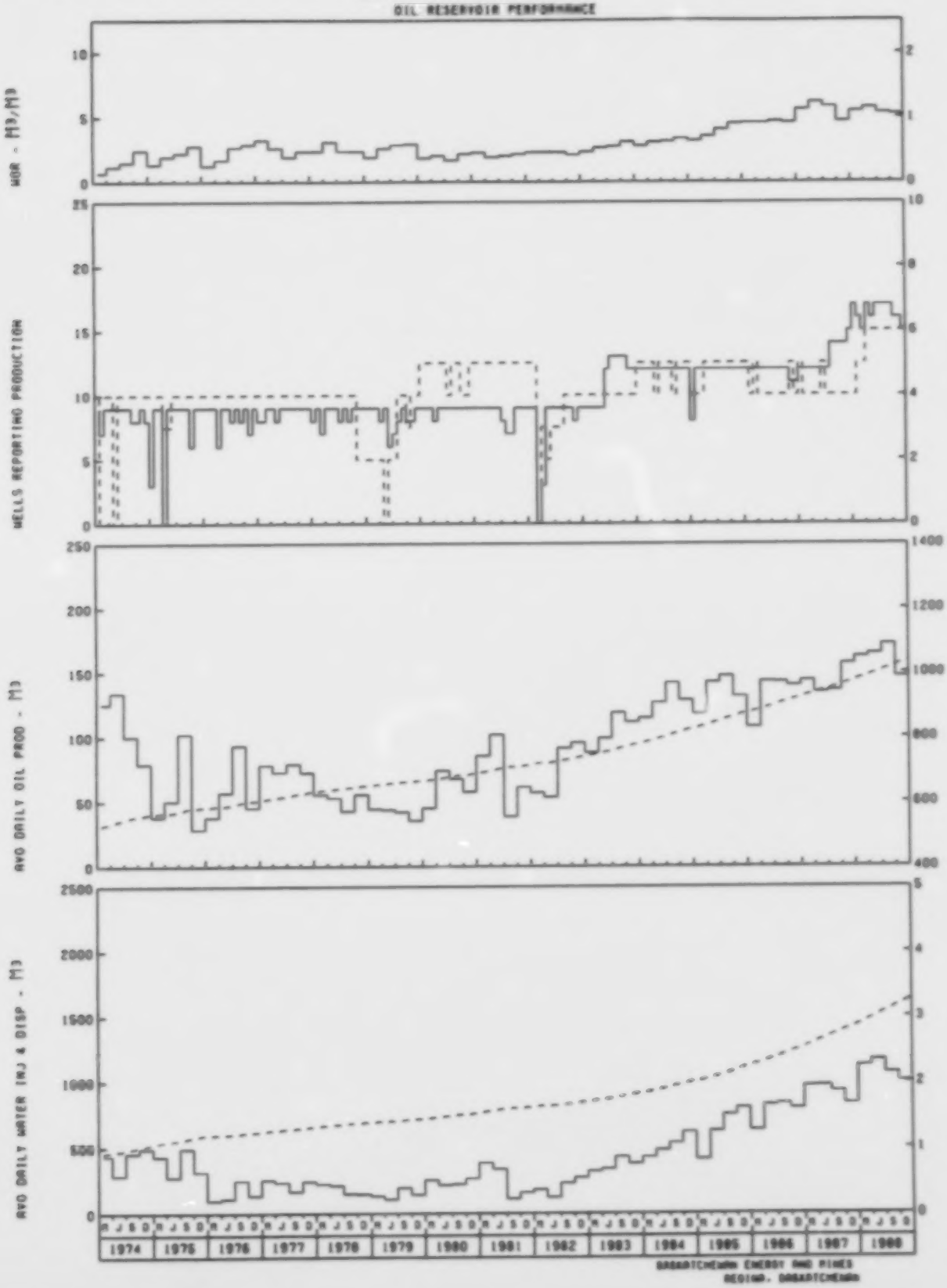
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

BATTRUM ROSERAY SAND POOL

BATTRUM UNIT NO 4

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

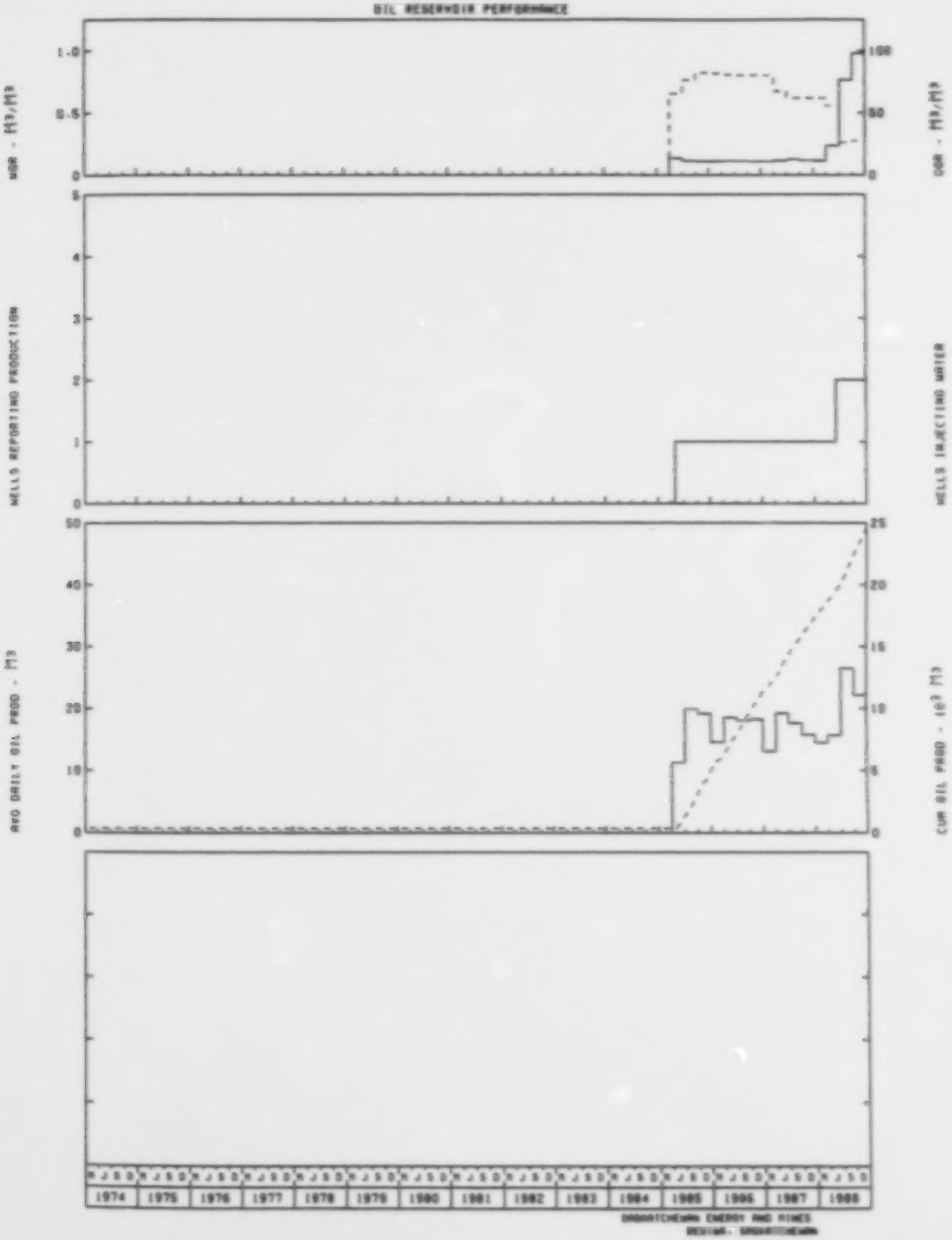


DEPARTMENT OF ENERGY AND MINES
REGIONAL DEPARTMENT

BATTRUM ROSERAY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

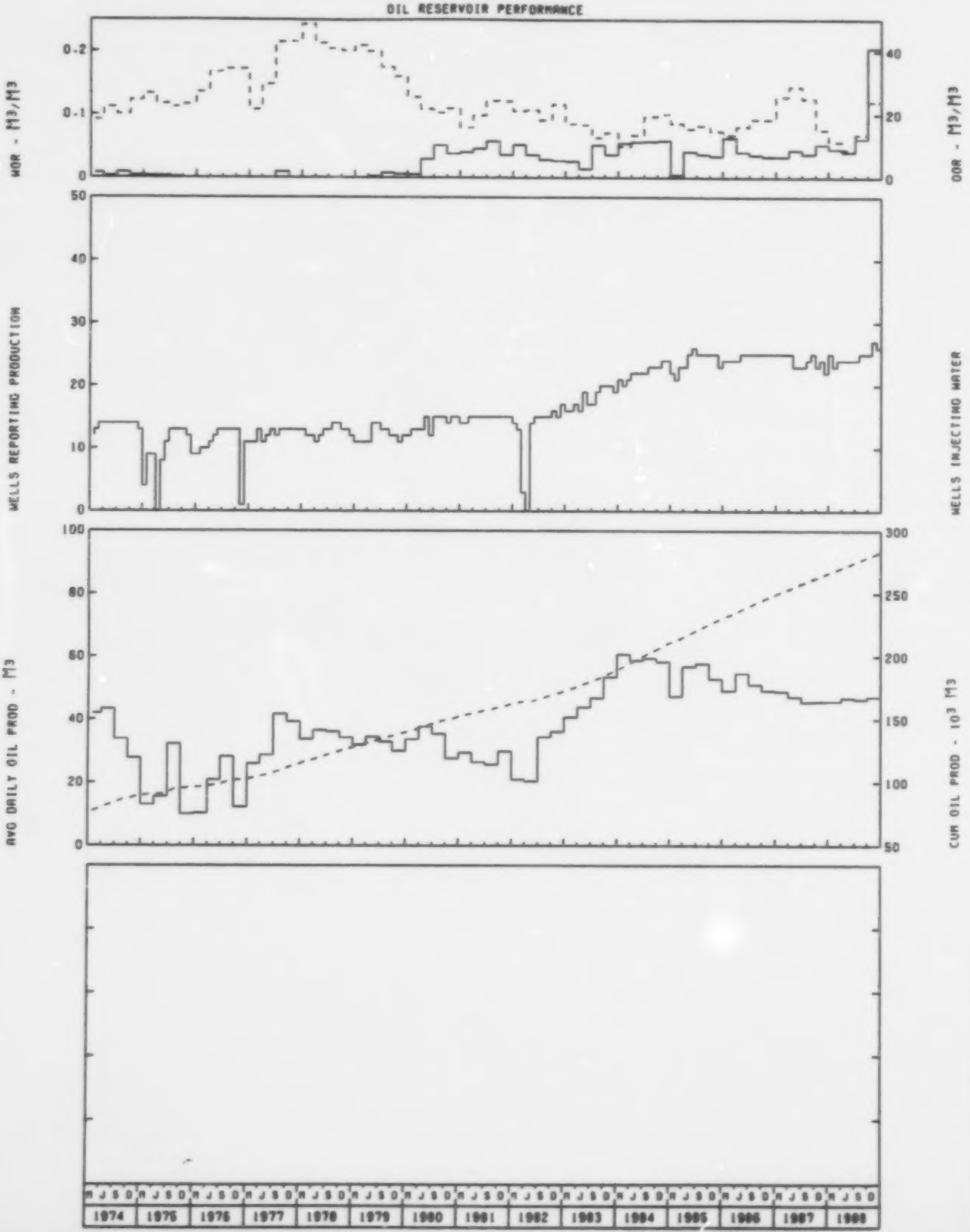


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENCH UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



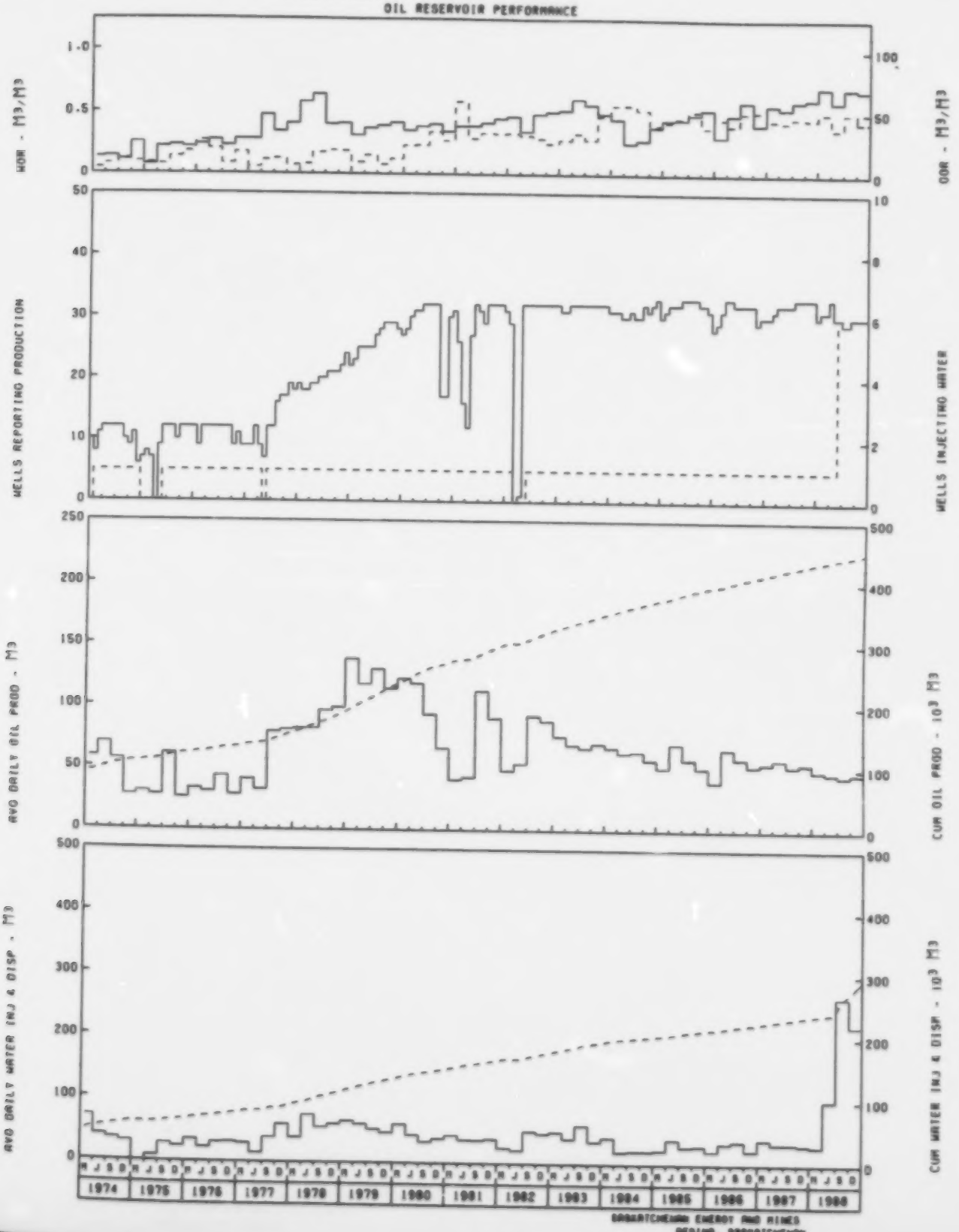
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY CANTUAR SAND POOL

BEVERLEY CANTUAR VOL UNIT 1

OIL RESERVOIR PERFORMANCE

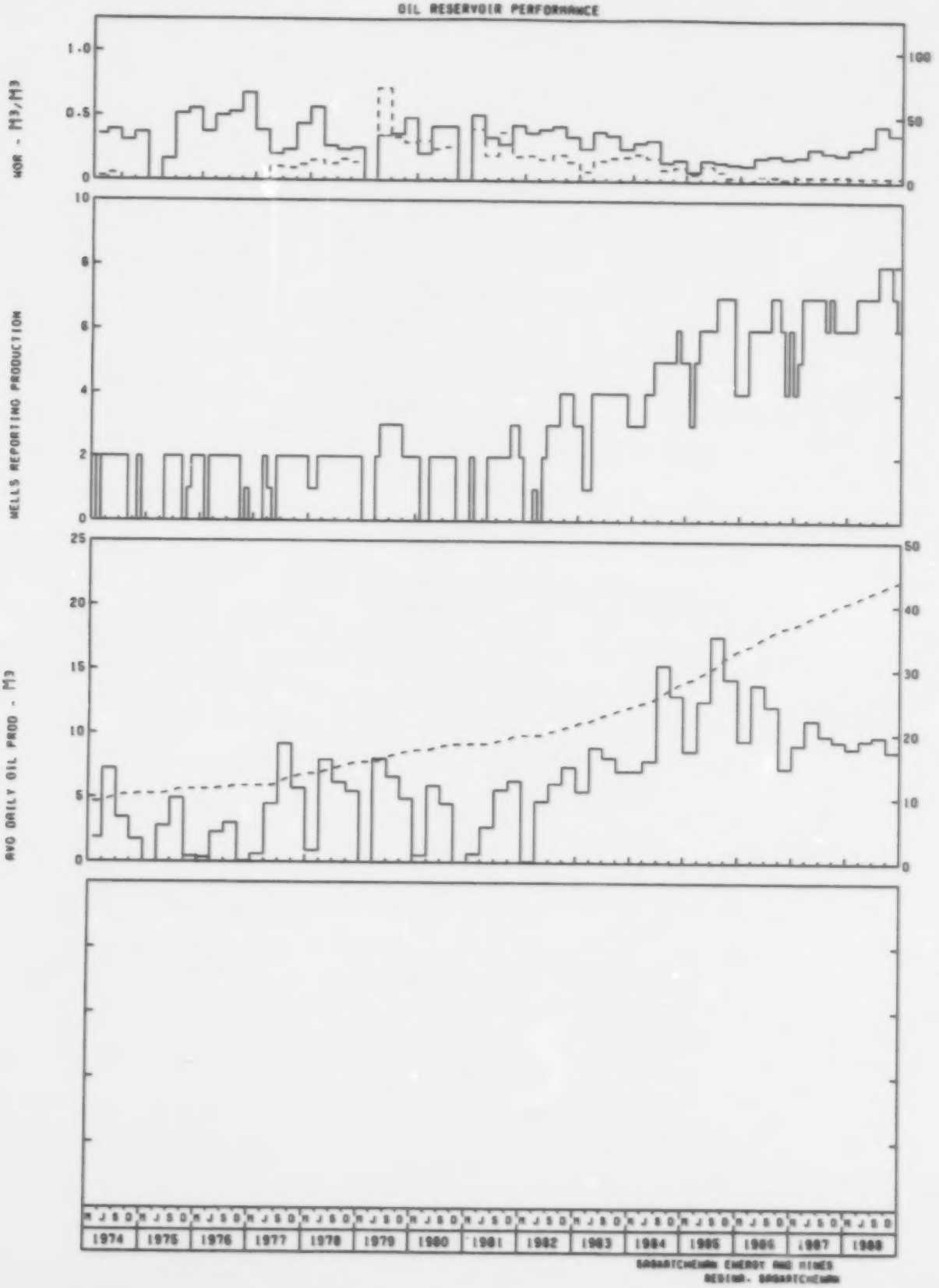


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY CANTUAR SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



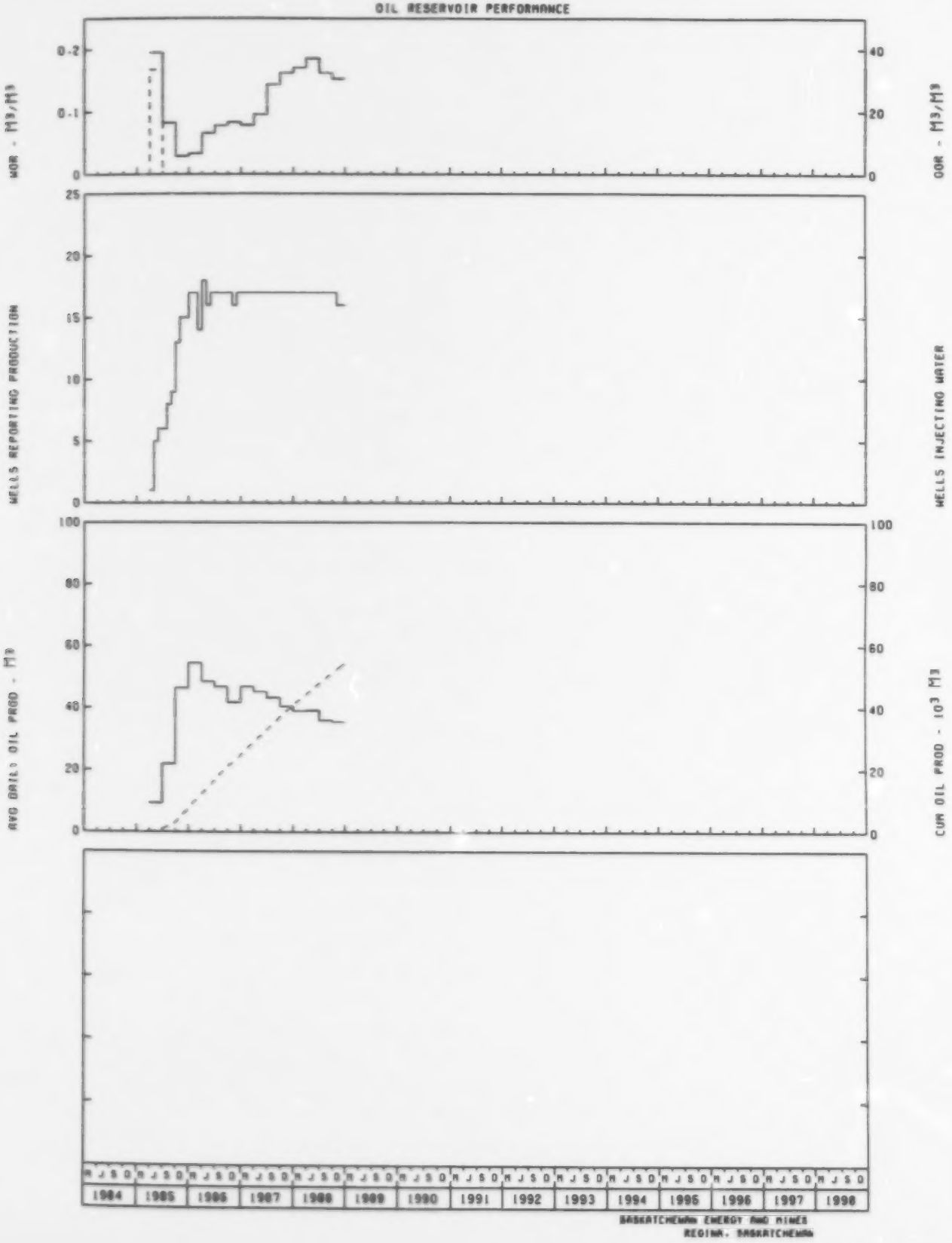
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

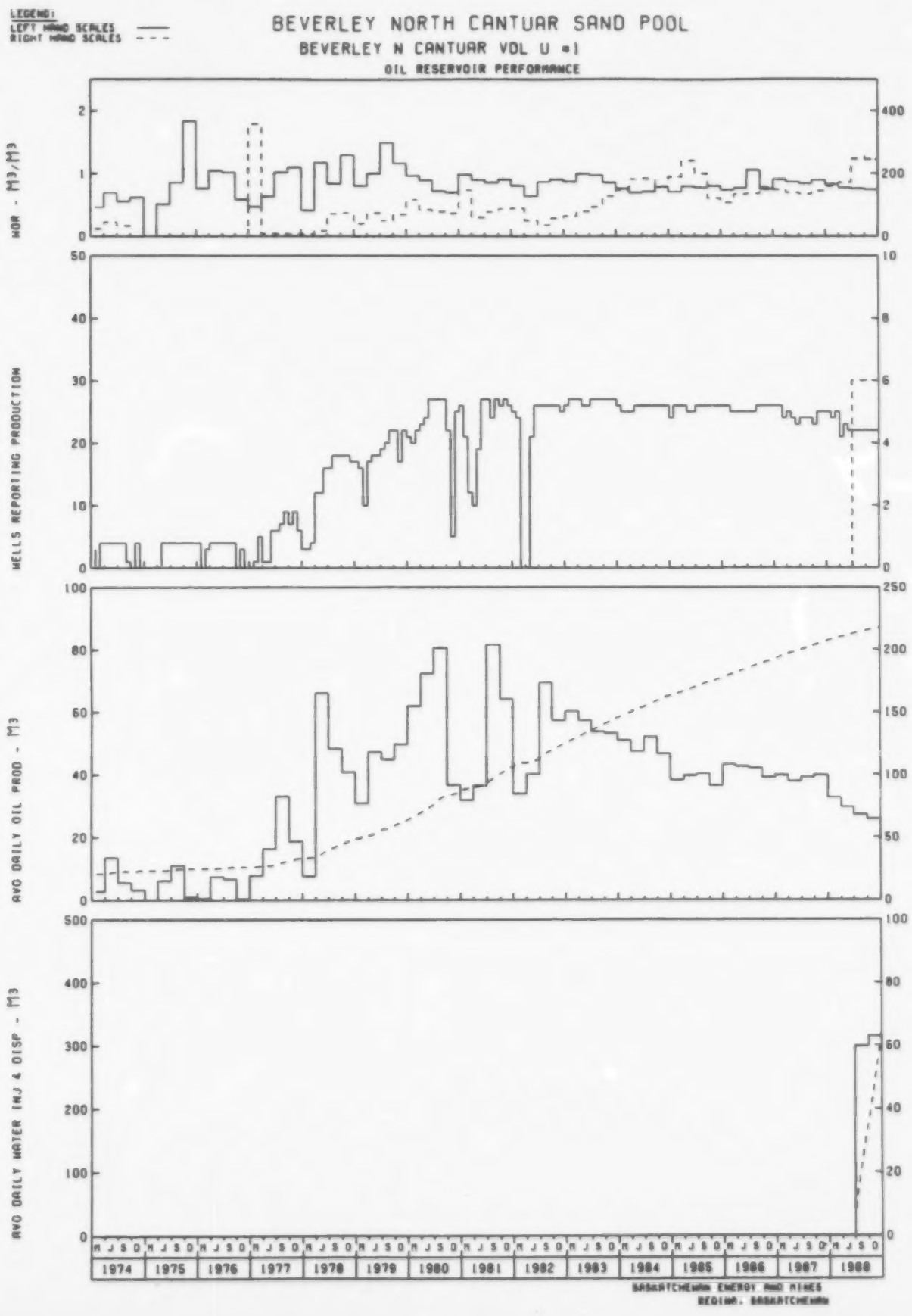
BEVERLEY E CANTUAR SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

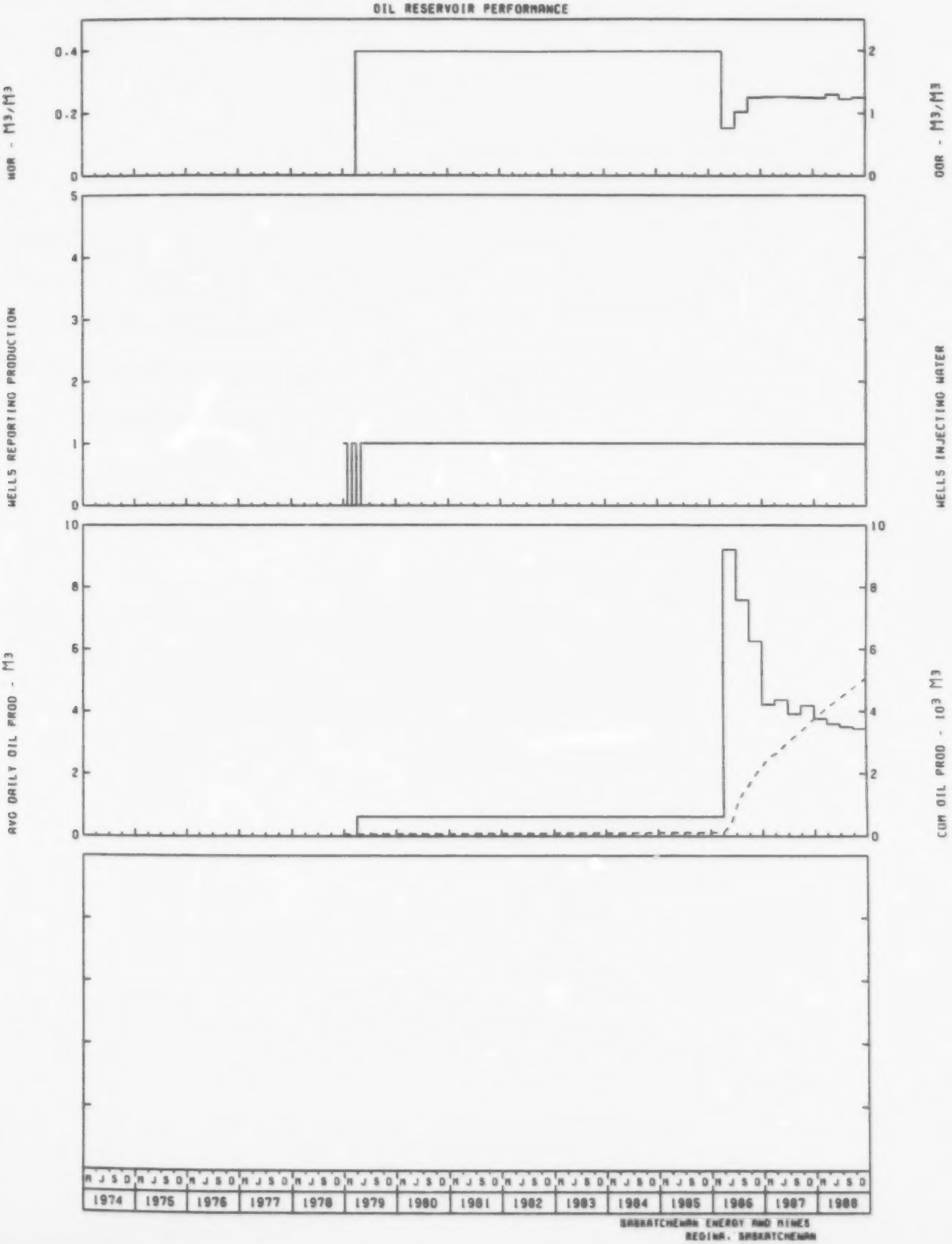

LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
BEVERLEY NORTH CANTUAR SAND POOL
BEVERLEY N CANTUAR VOL U =1
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
WELLS REPORTING PRODUCTION
AVG DAILY OIL PROD - M3
AVG DAILY WATER INJ & DISP - M3
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY NORTH CANTUAR SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



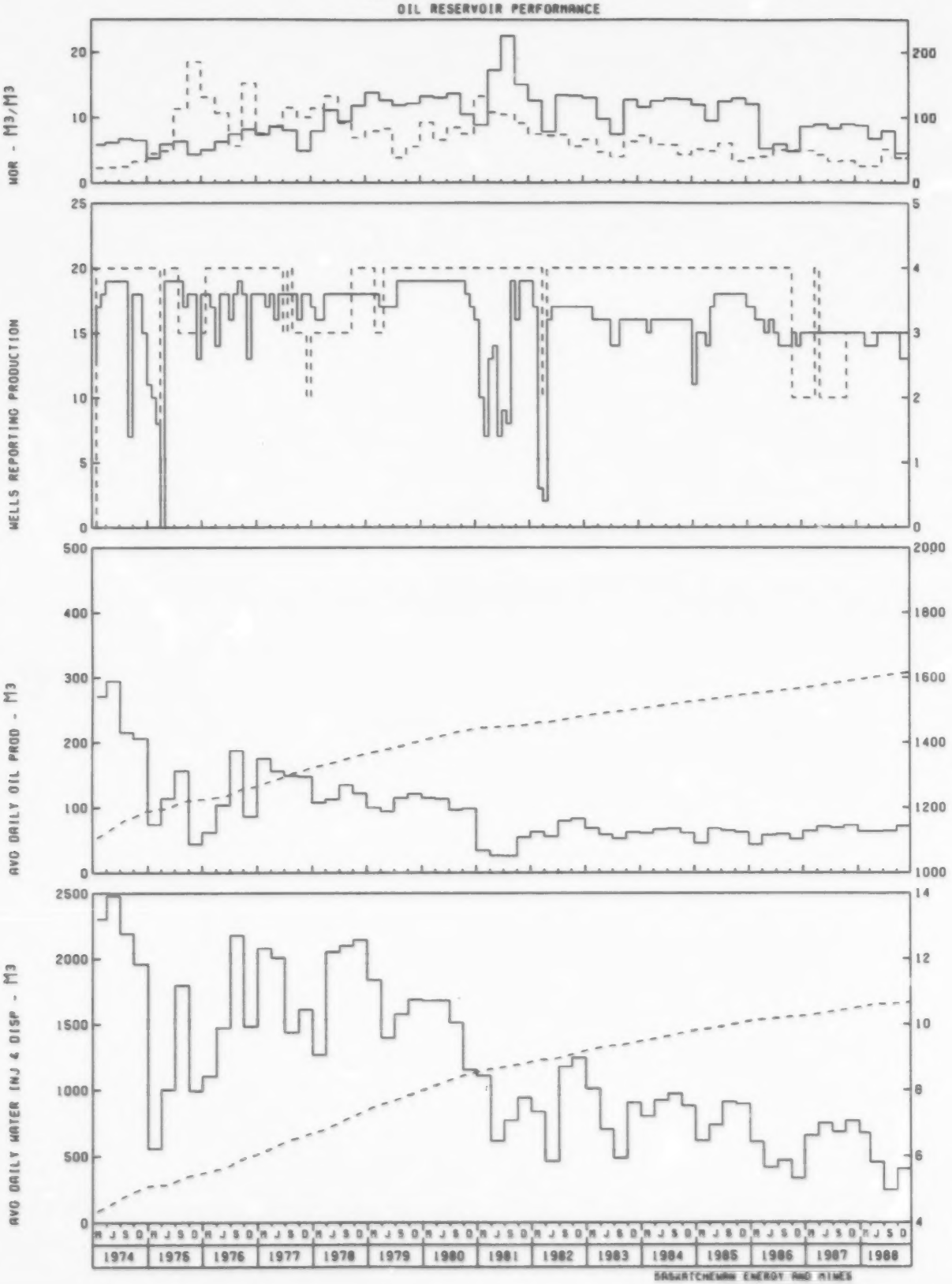
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY UPPER ROSERAY SAND POOL

BEVERLEY UNIT NO 1

OIL RESERVOIR PERFORMANCE



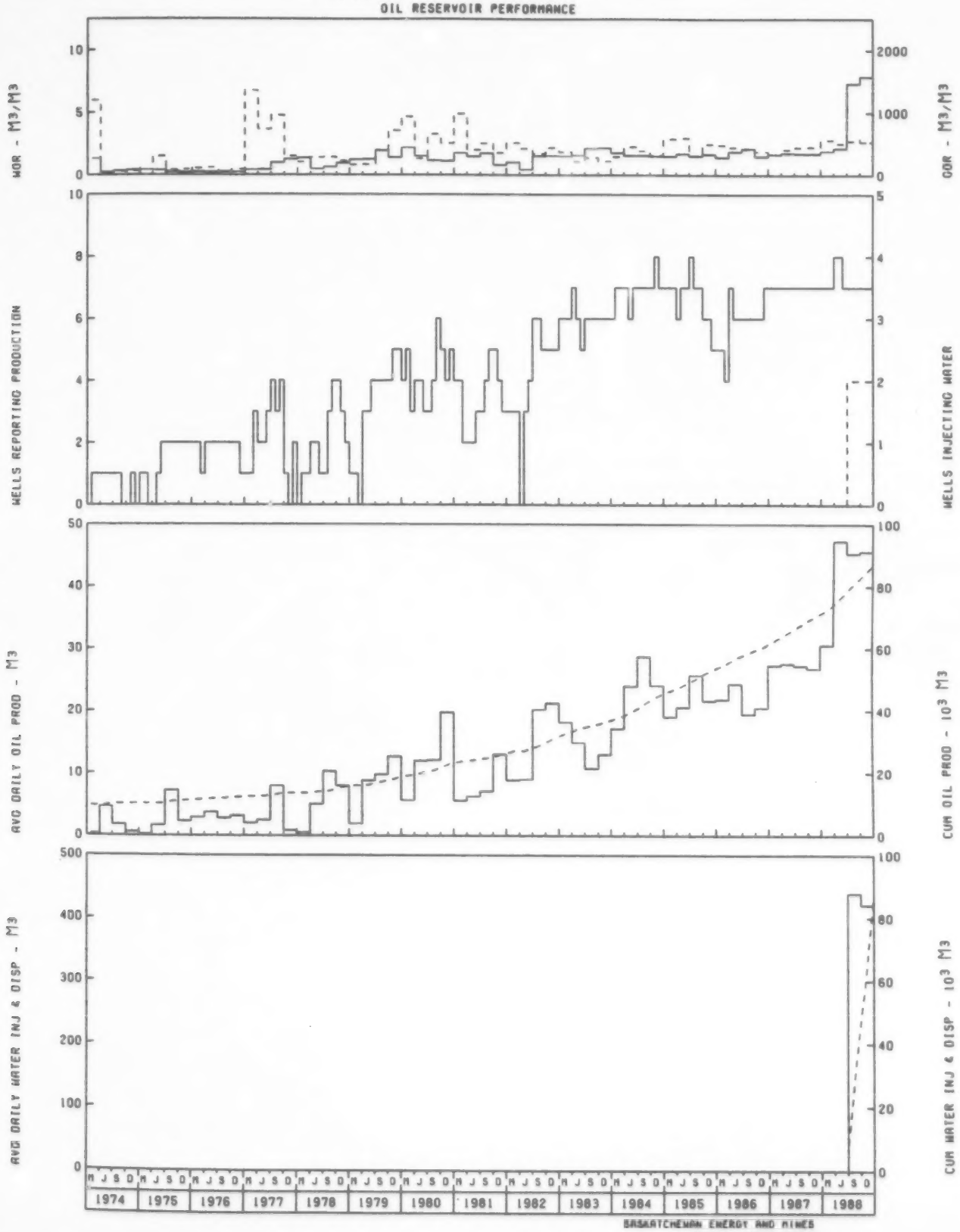
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY UPPER ROSERAY SAND POOL

BEVERLEY VOL UNIT NO 2

OIL RESERVOIR PERFORMANCE



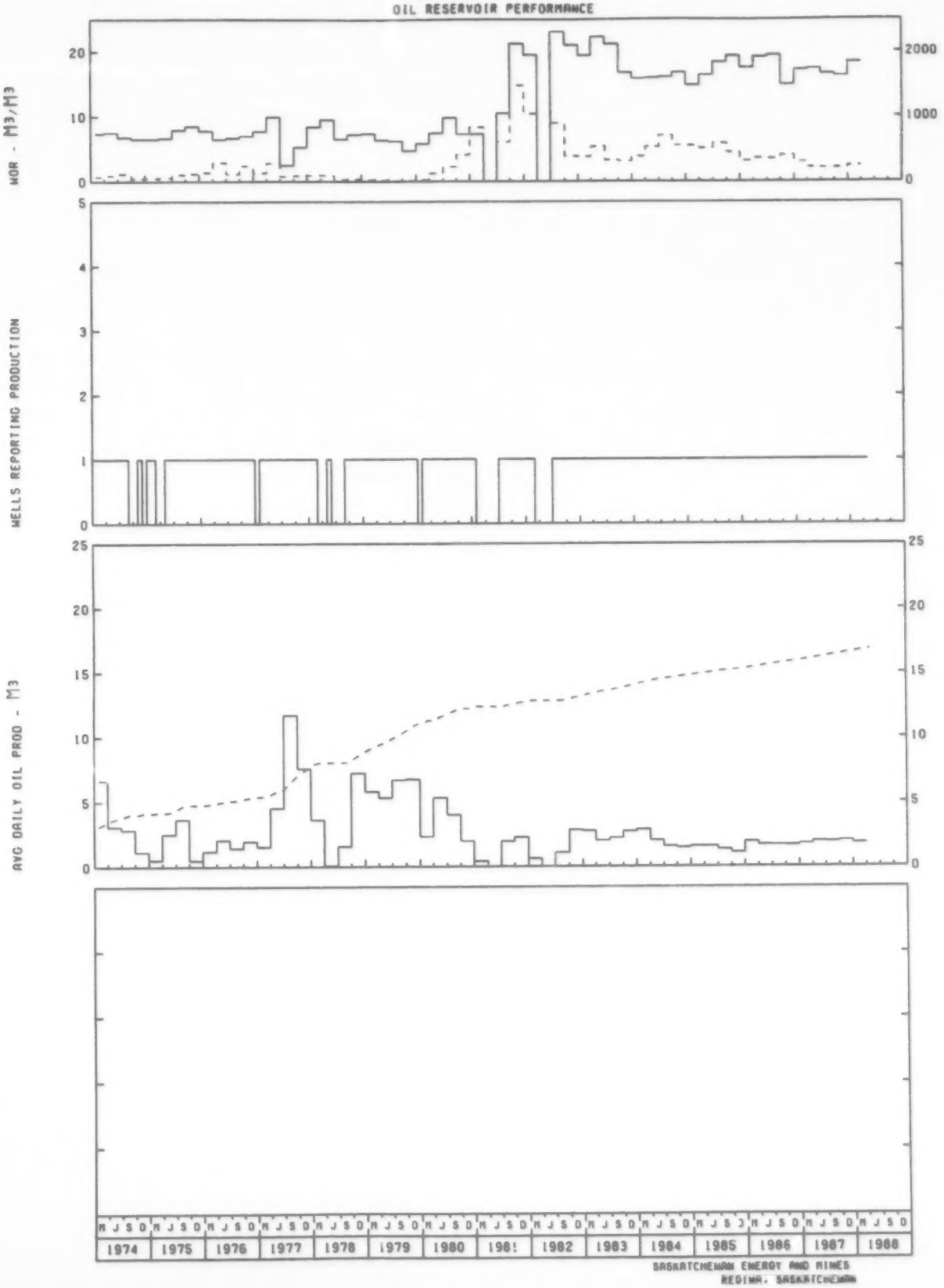
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY UPPER ROSERAY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



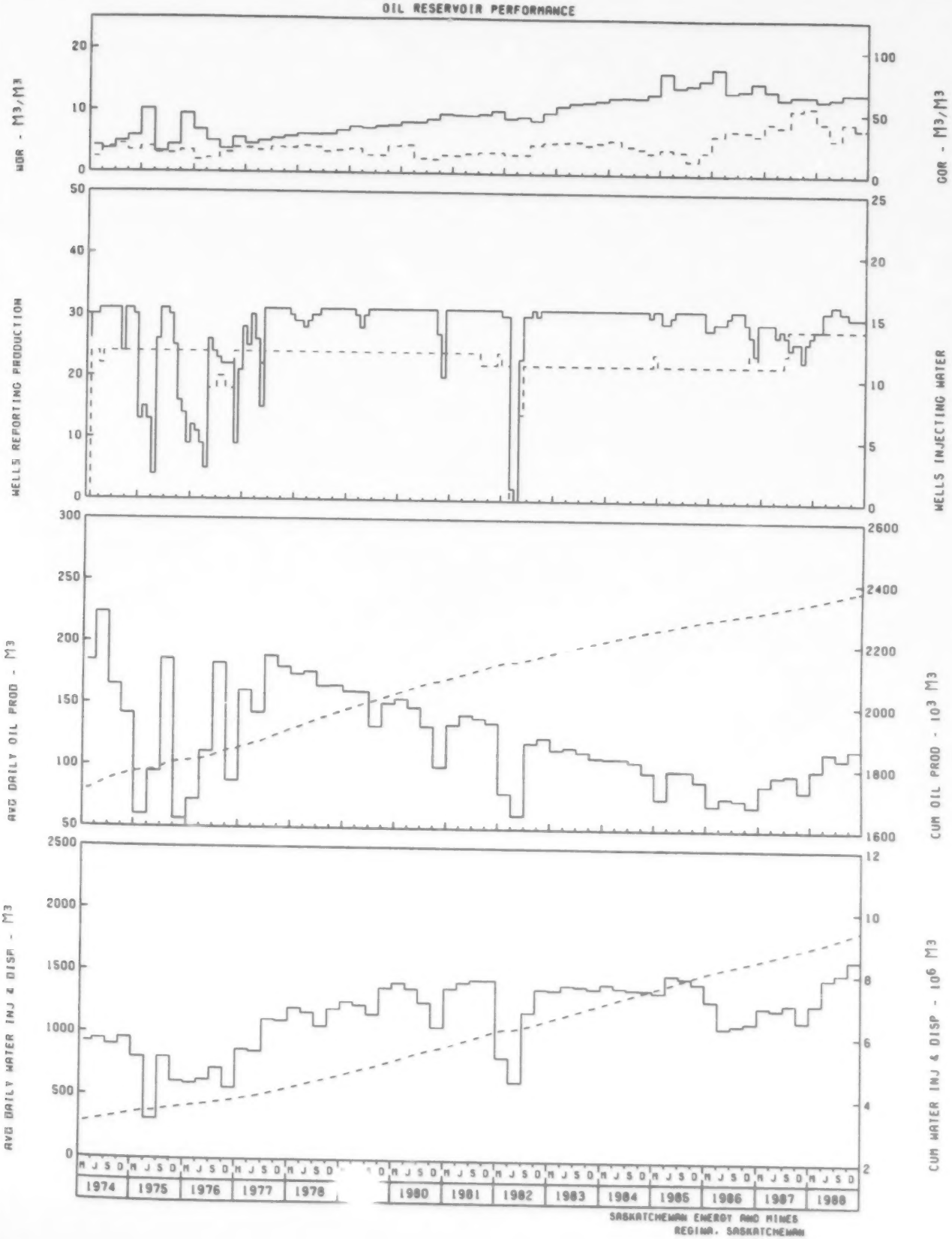
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BONE CREEK UPPER SHAUNAVON POOL

BONE CREEK UNIT

OIL RESERVOIR PERFORMANCE



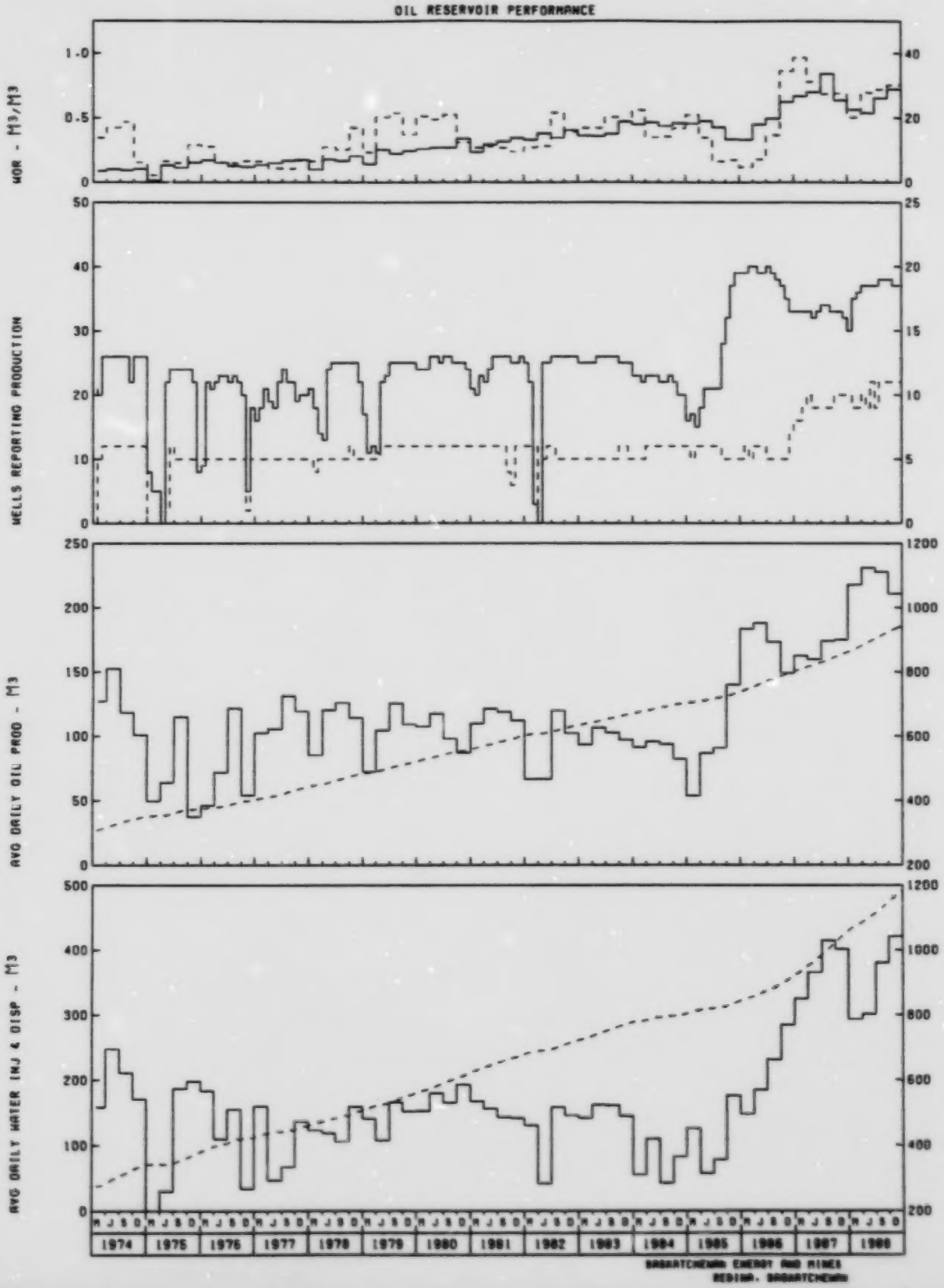
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BUTTE UPPER SHAUNAVON POOL

BUTT VOL UNIT

OIL RESERVOIR PERFORMANCE



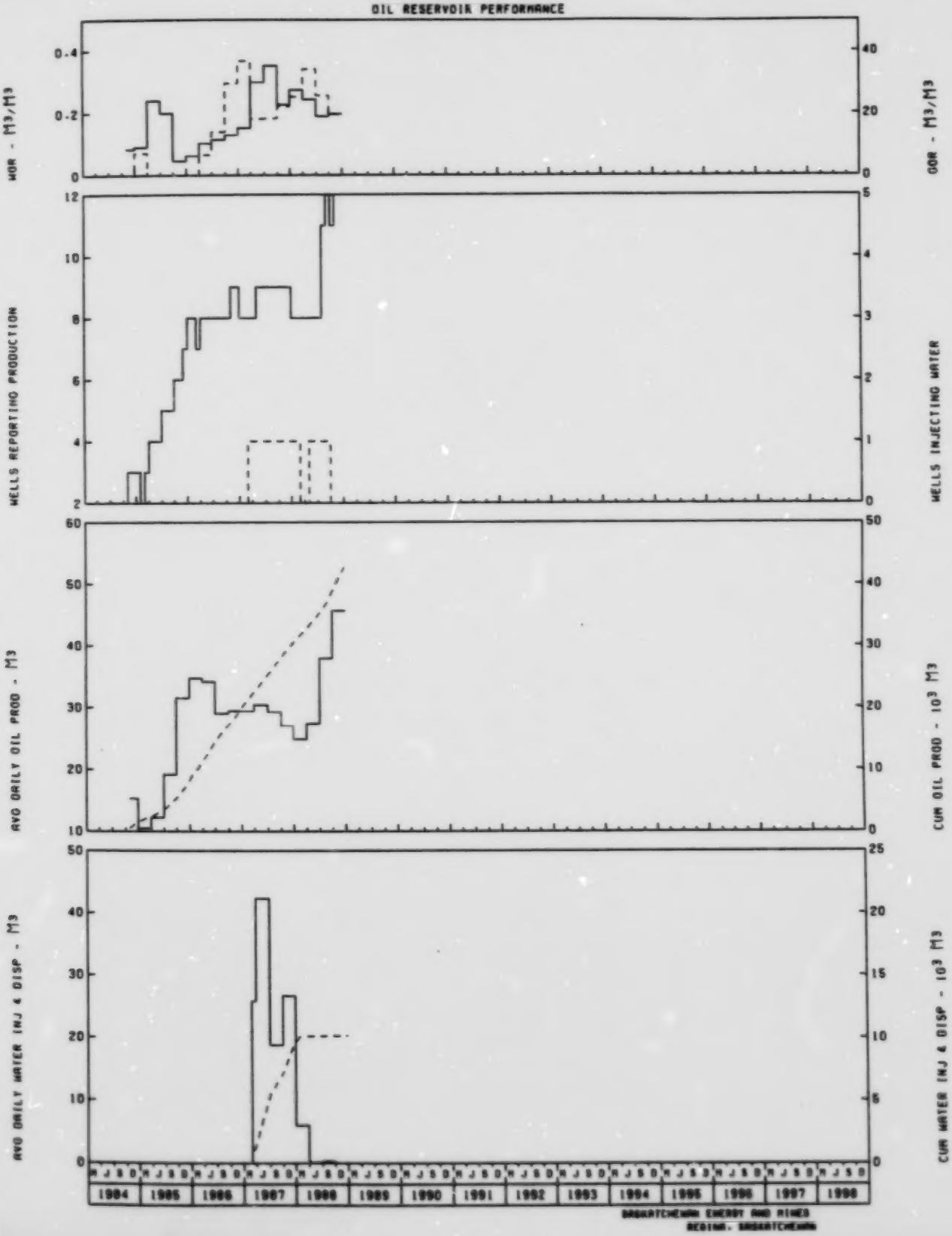
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BUTTE UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



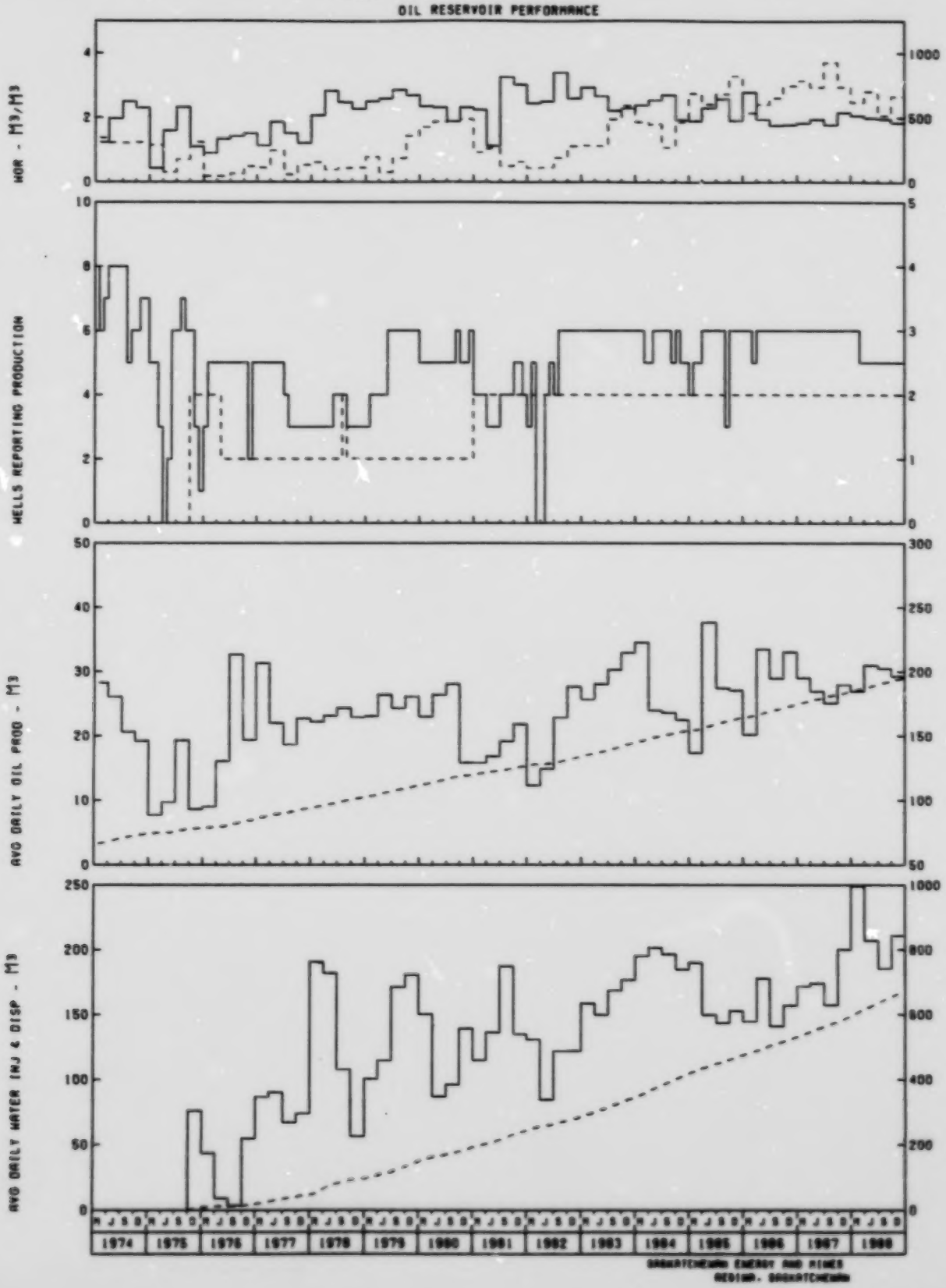
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTUAR EAST CANTUAR SAND POOL

EAST CANTUAR UNIT NO 1

OIL RESERVOIR PERFORMANCE



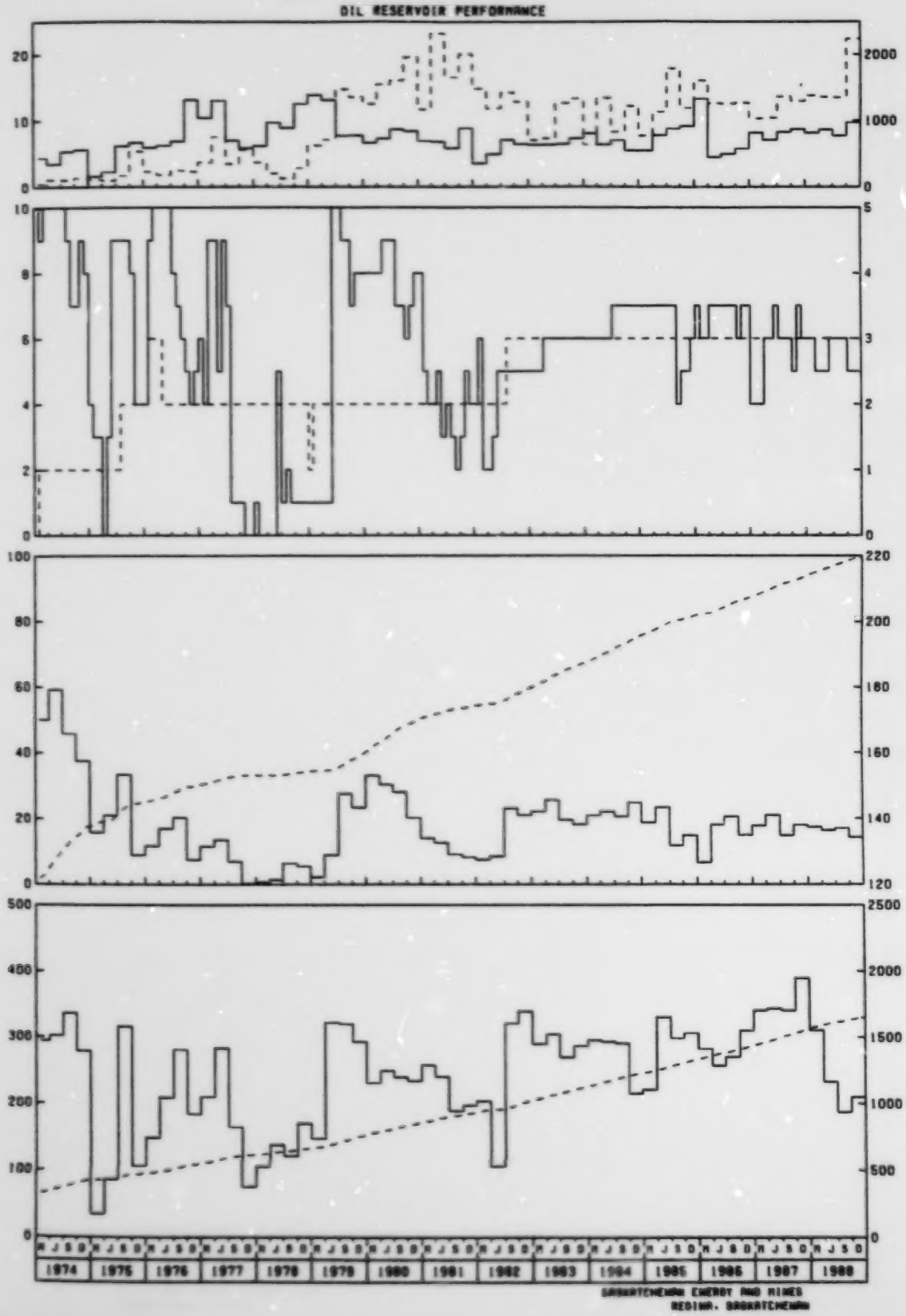
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTUAR EAST ROSERY SAND POOL

EAST CANTUAR UNIT NO 1

OIL RESERVOIR PERFORMANCE



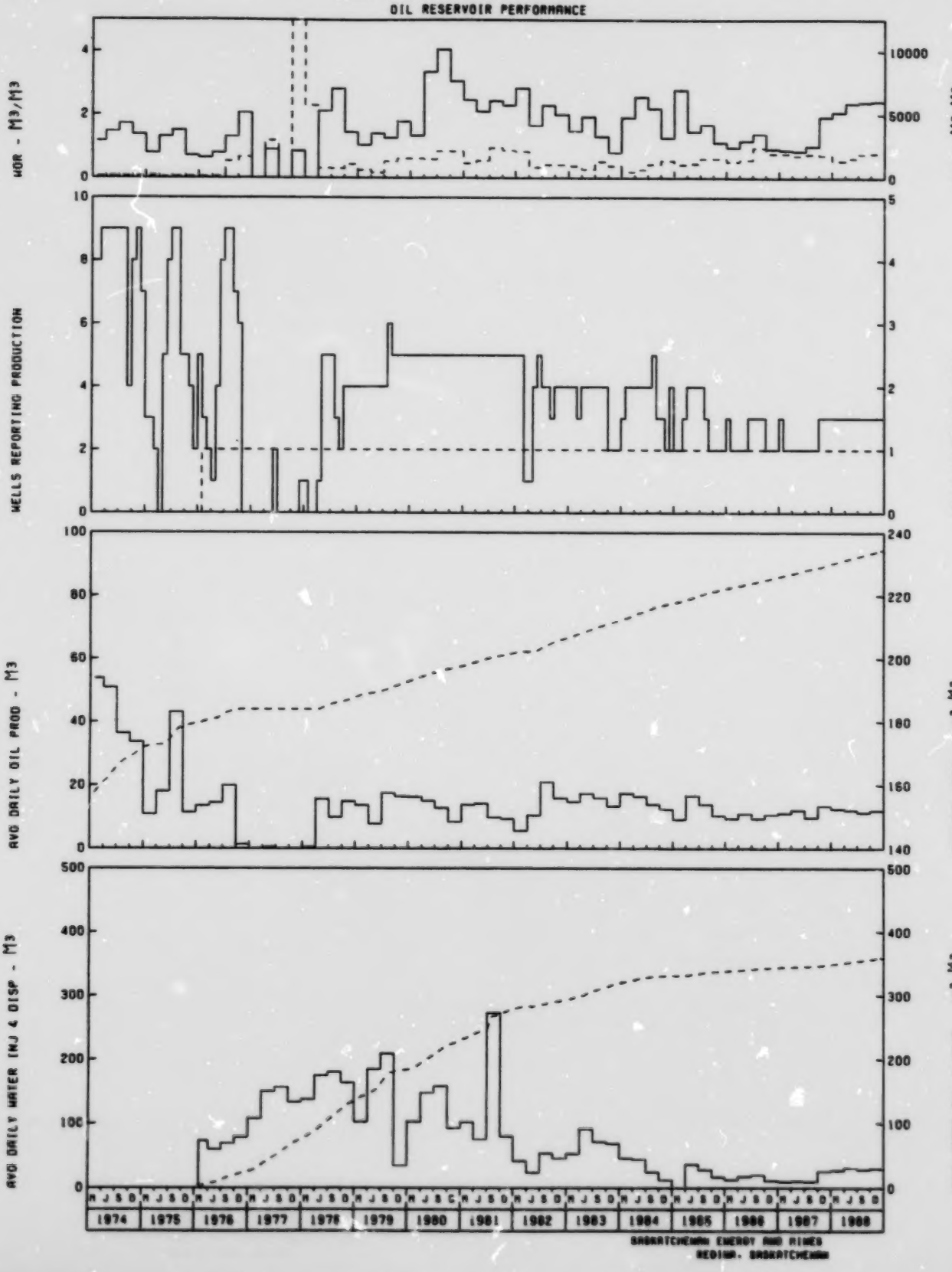
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTUAR EAST ROSERY SAND POOL

EAST CANTUAR UNIT NO 2

OIL RESERVOIR PERFORMANCE

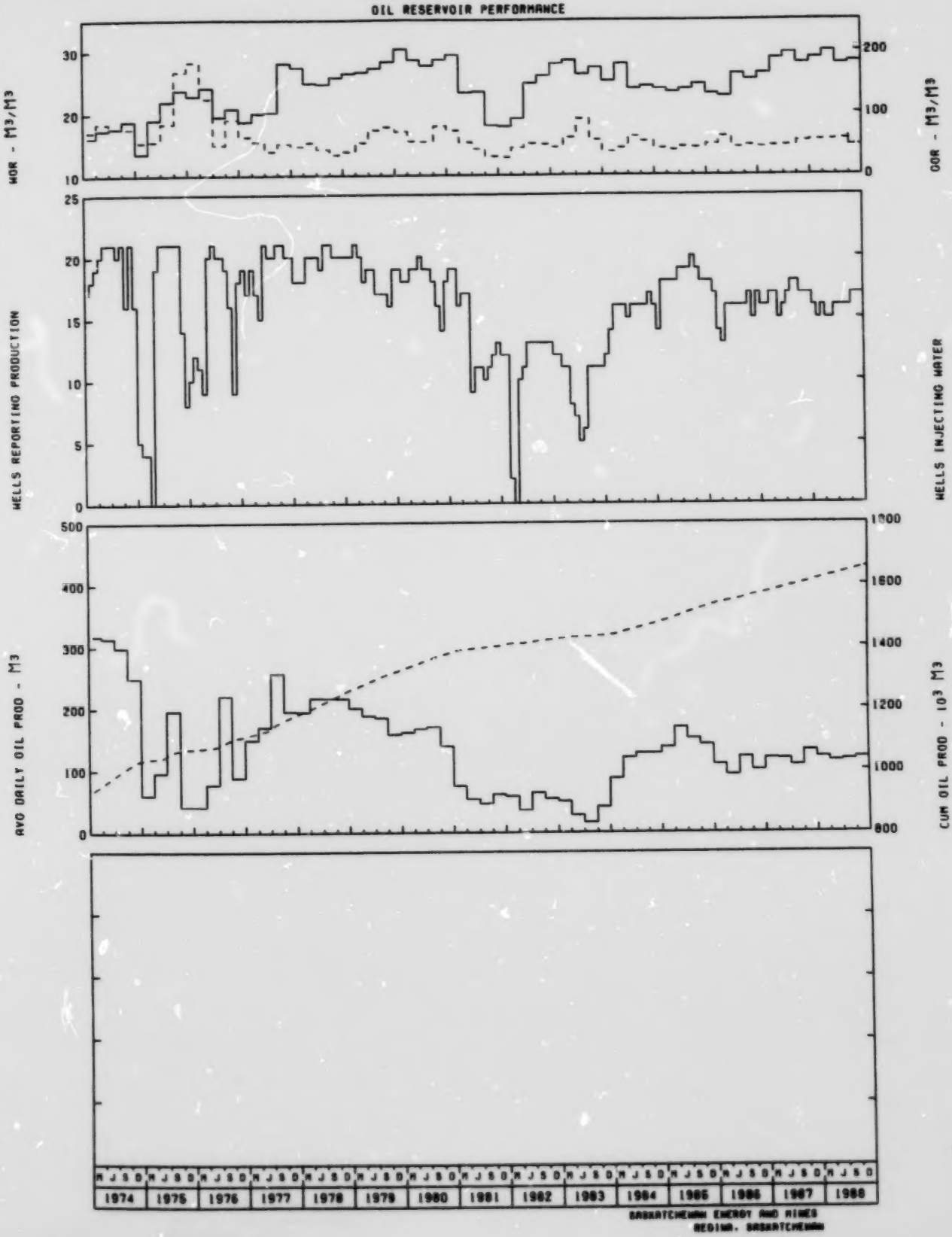


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTUAR LOWER ROSERAY SAND POOL

CANTUAR UNIT

OIL RESERVOIR PERFORMANCE



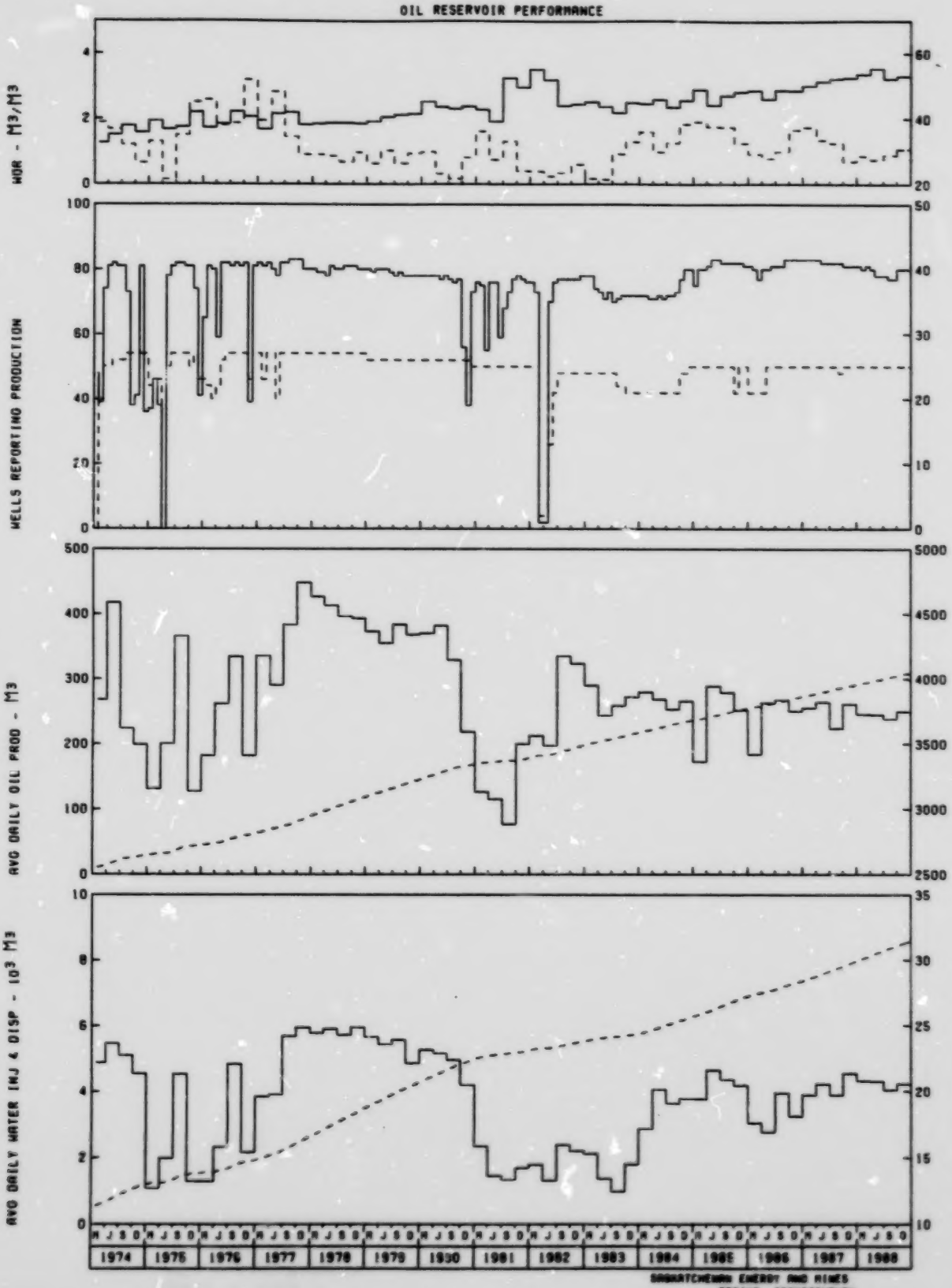
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTUAR MAIN CANTUAR SAND POOL

CANTUAR UNIT

OIL RESERVOIR PERFORMANCE



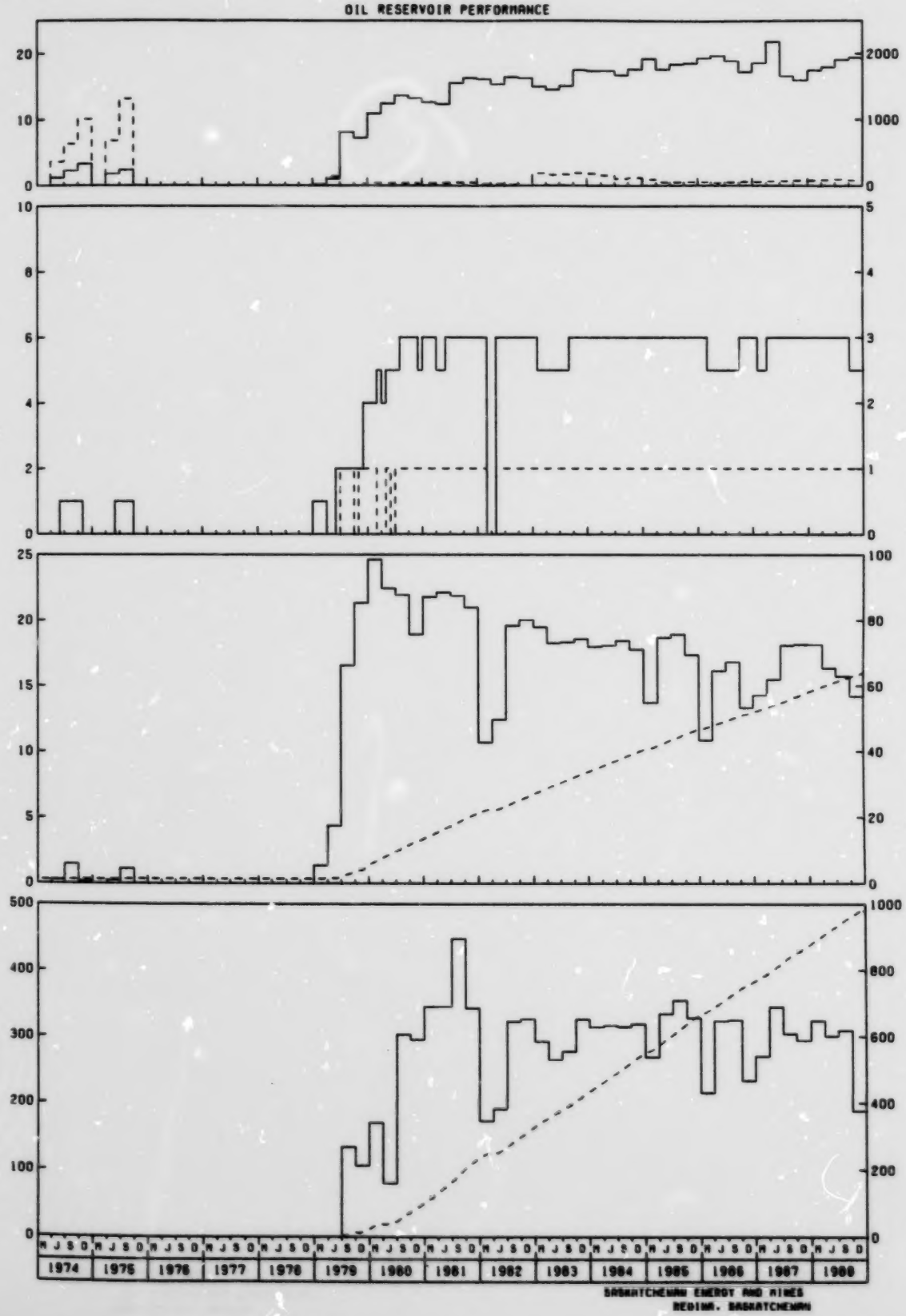
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTUAR NORTH ROSERAY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



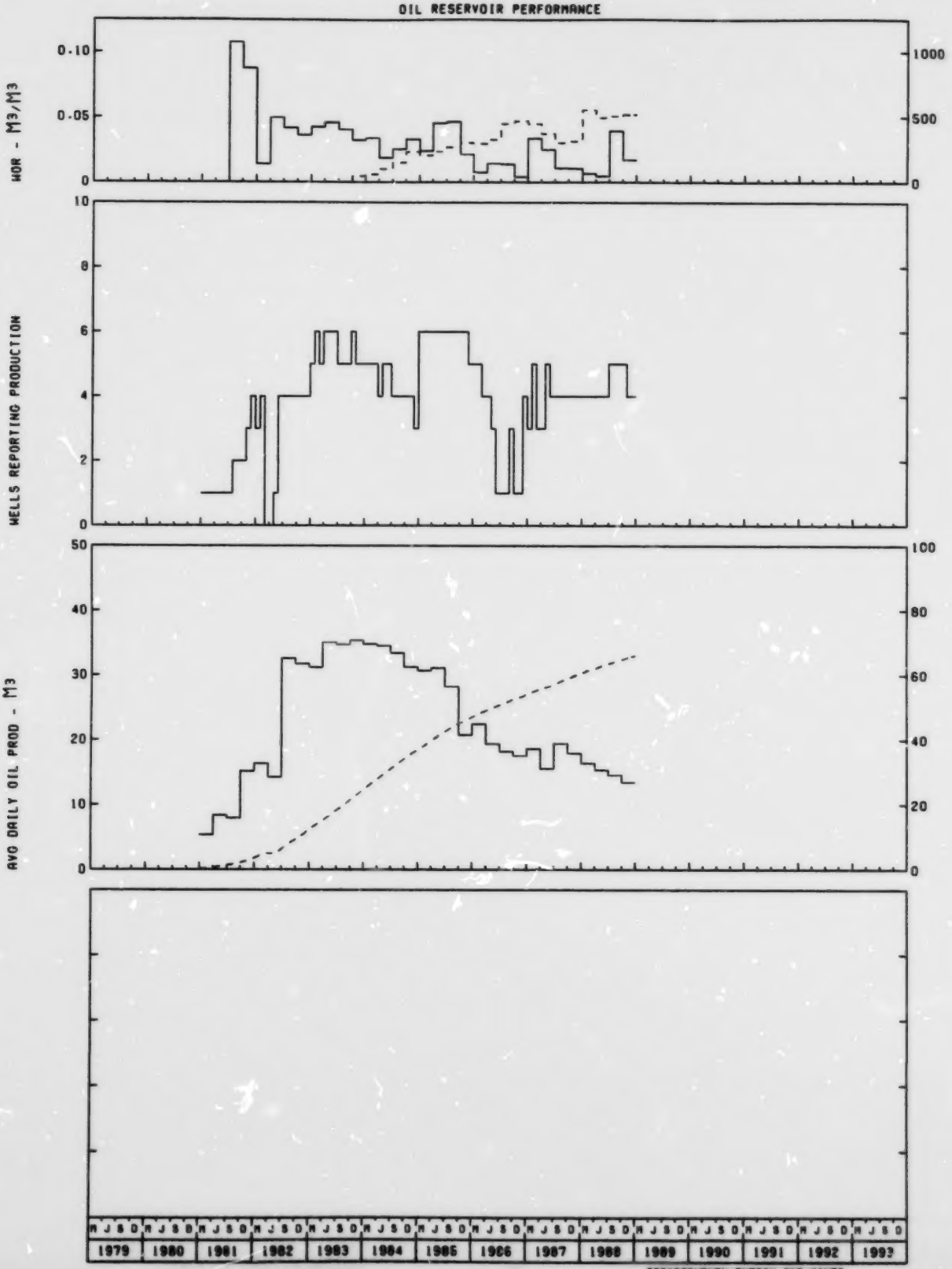
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CHAMBERY UPPER SHAUN PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



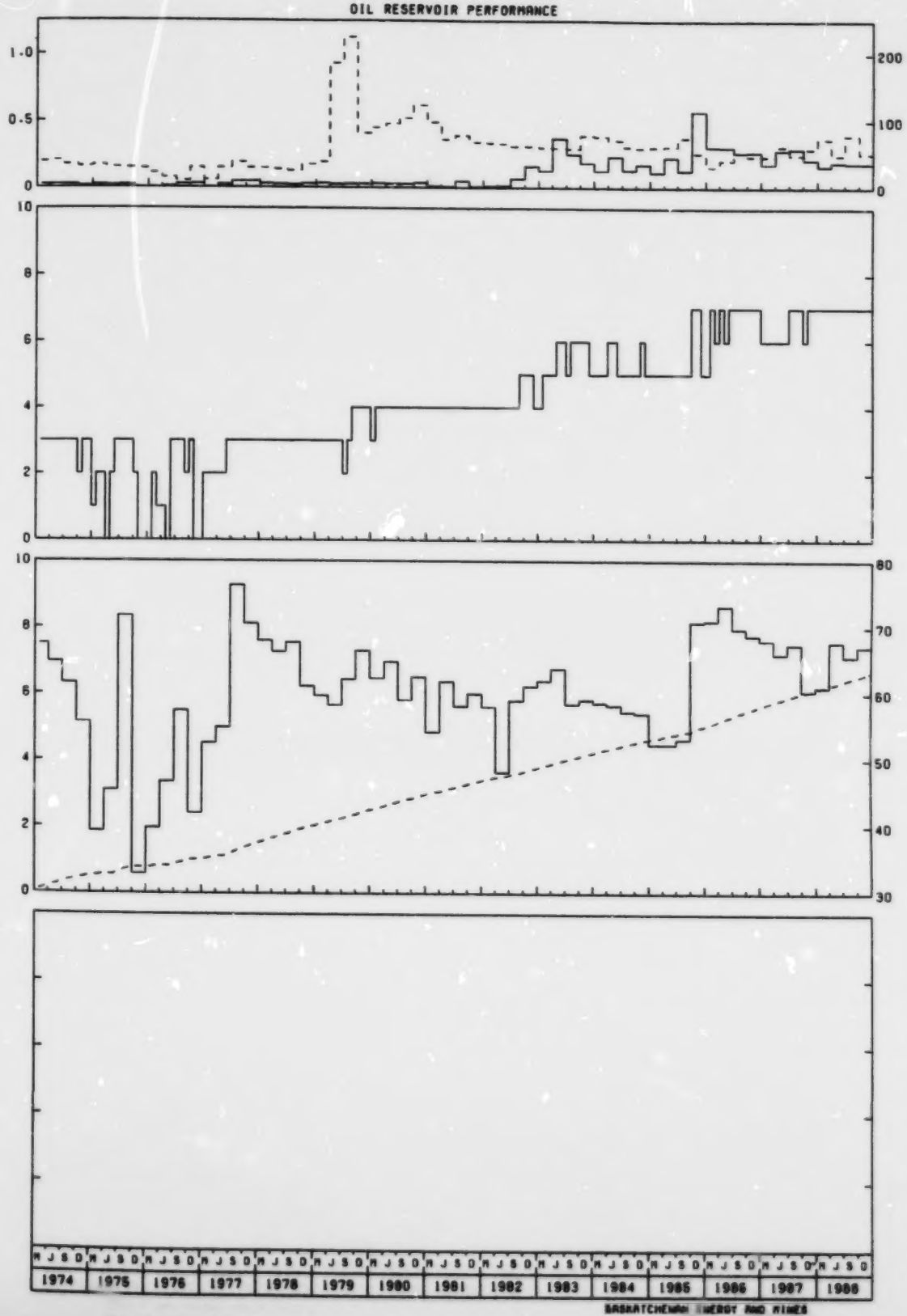
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CLINTONVILLE SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



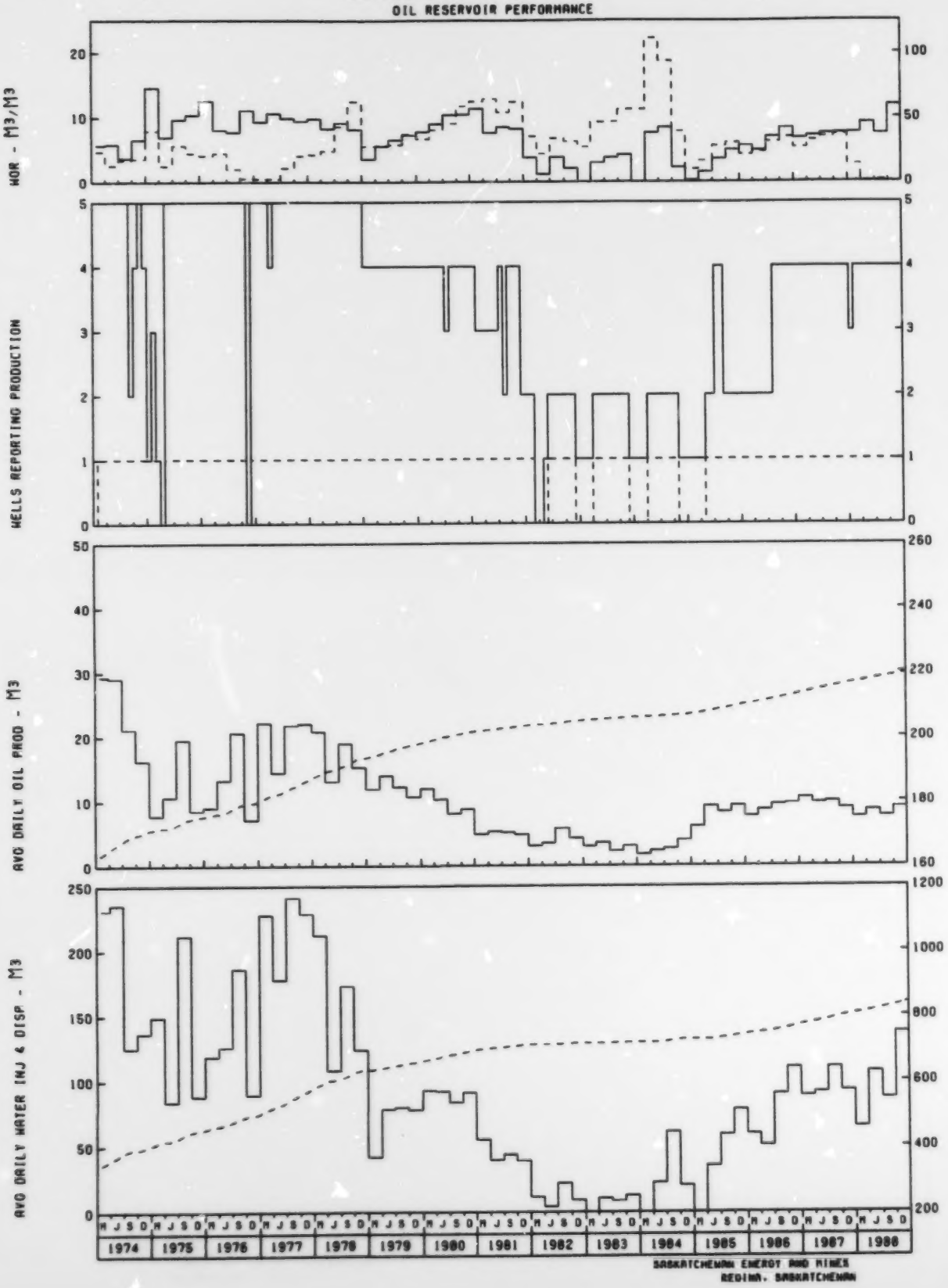
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COVINGTON UPPER SHAUNAVON POOL

COVINGTON UNIT NO 1

OIL RESERVOIR PERFORMANCE



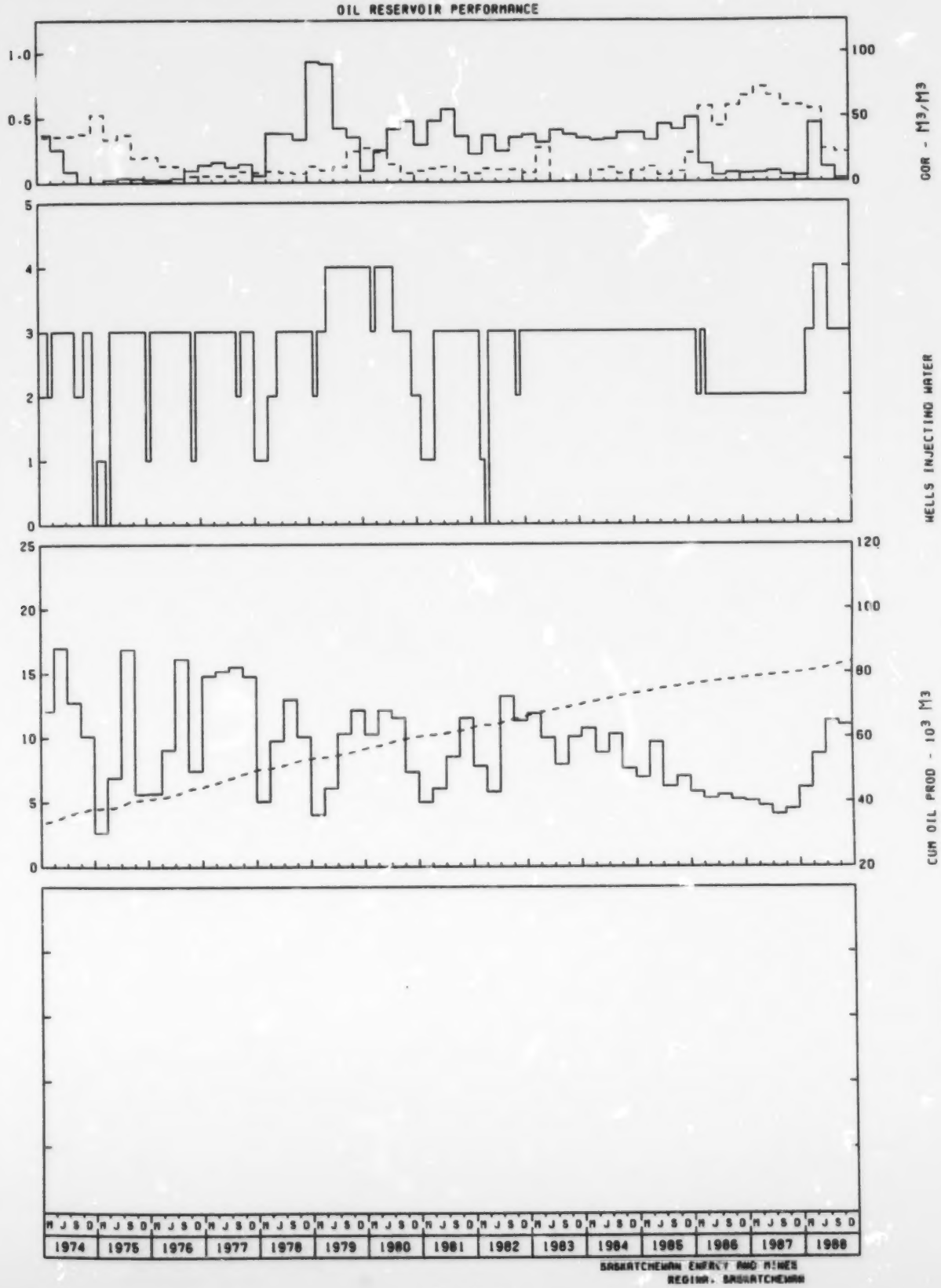
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COVINGTON WEST UPPER SHAUN POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



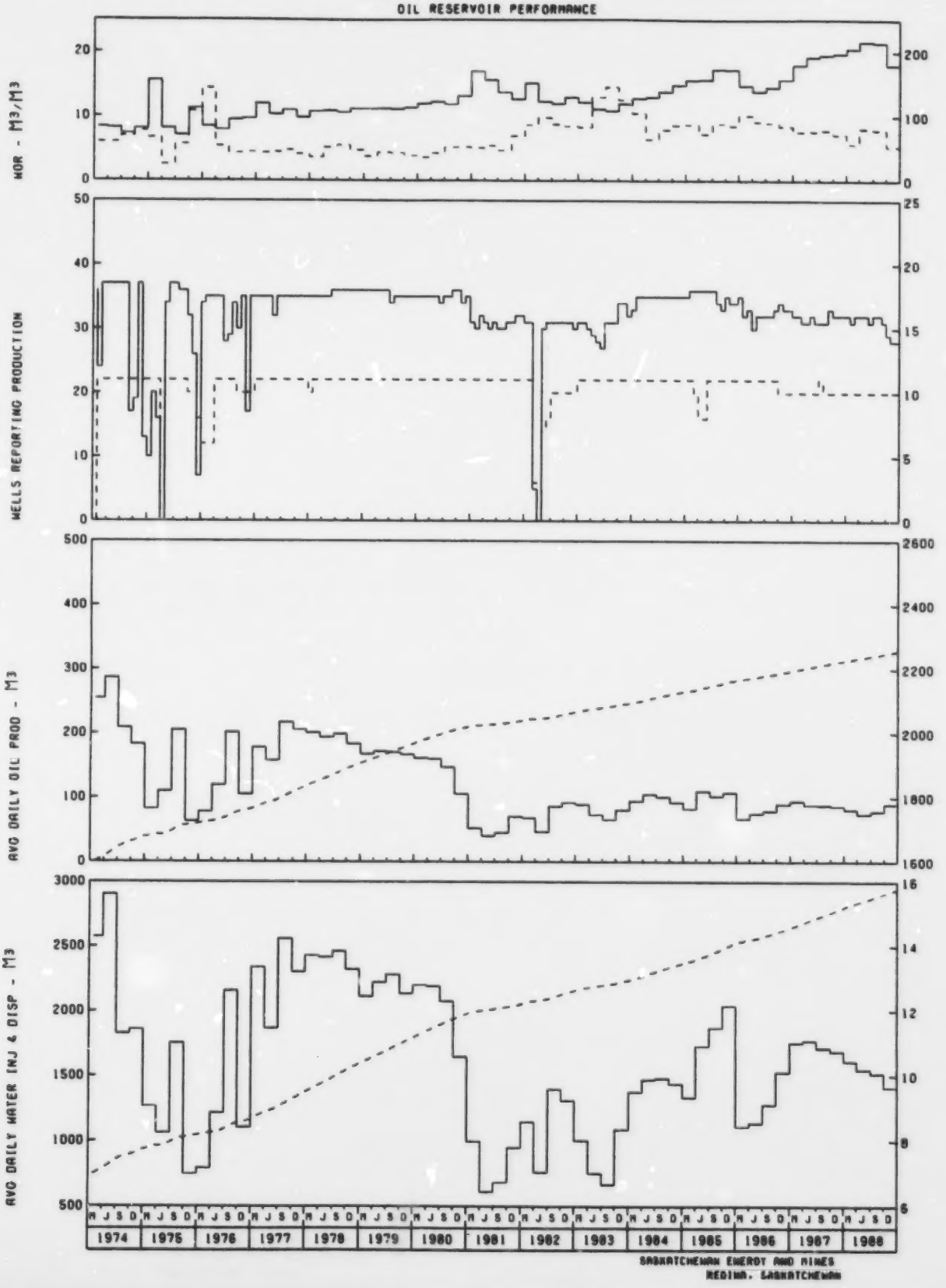
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DELTA UPPER SHAUNAVON POOL

DELTA UNIT NO 1

OIL RESERVOIR PERFORMANCE



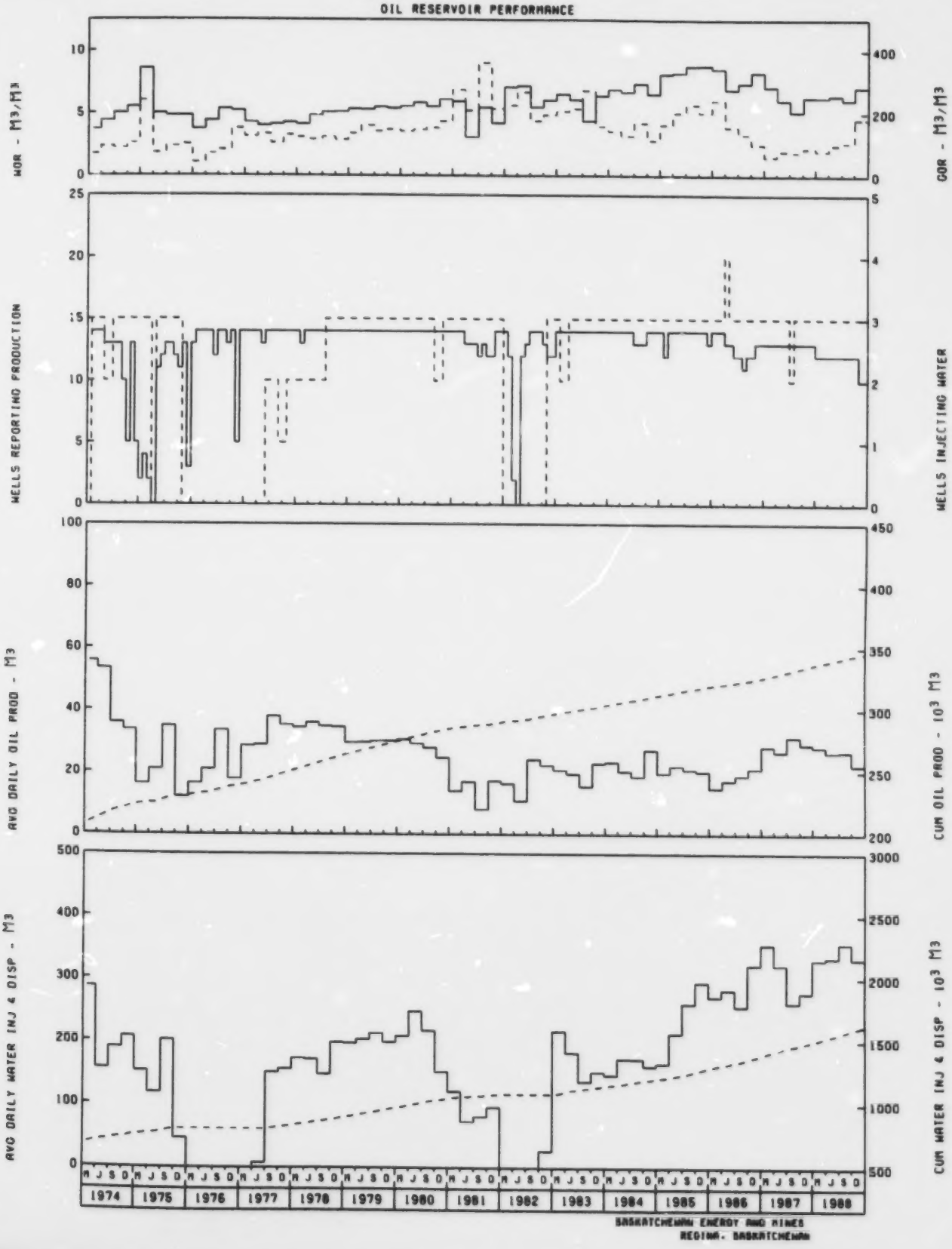
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DELTA UPPER SHAUNAVON POOL

DELTA UNIT NO 2

OIL RESERVOIR PERFORMANCE



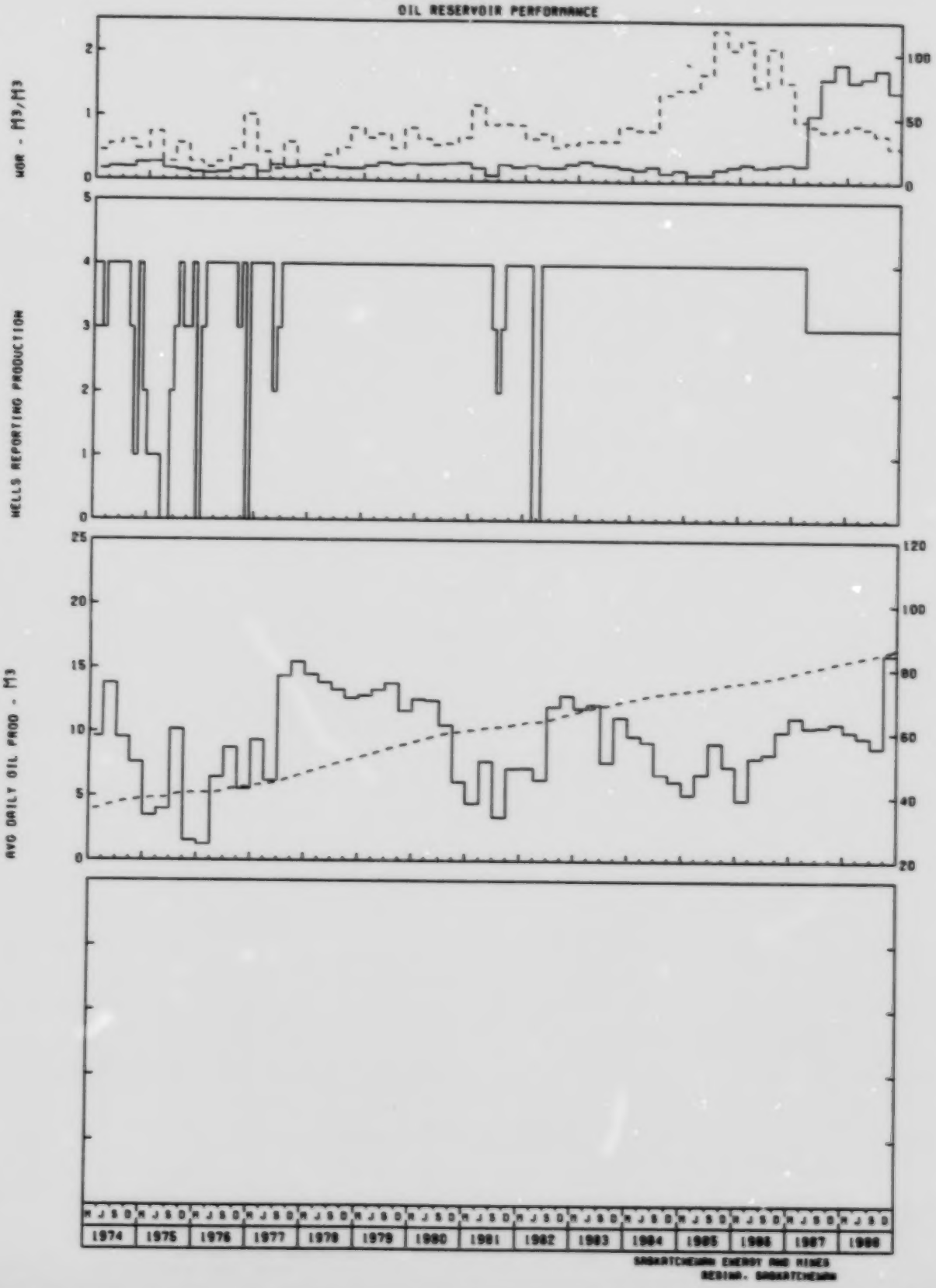
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DELTA UPPER SHAUNAVON POOL

DELTA VOL UNIT NO 3

OIL RESERVOIR PERFORMANCE



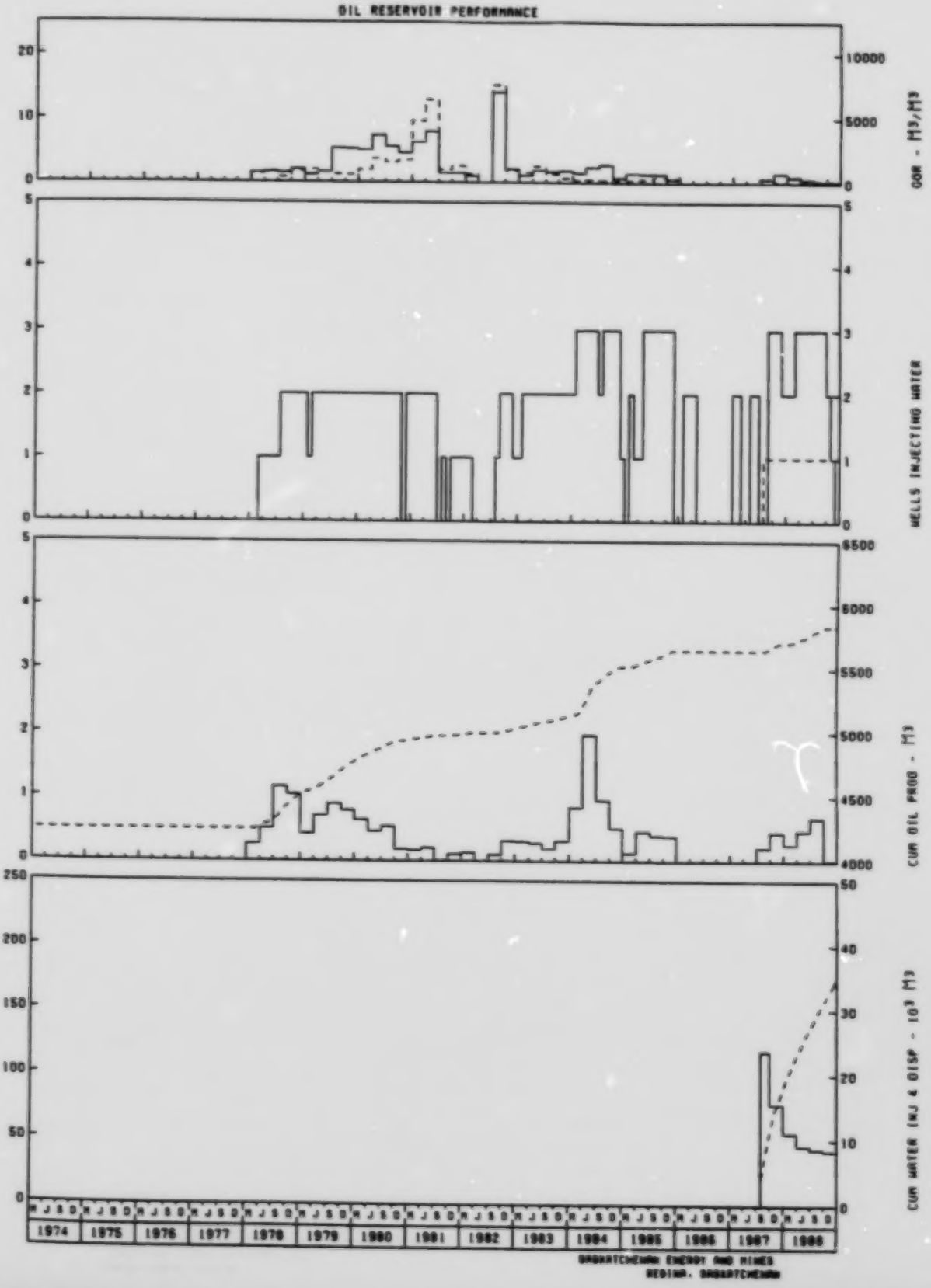
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DELTA UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

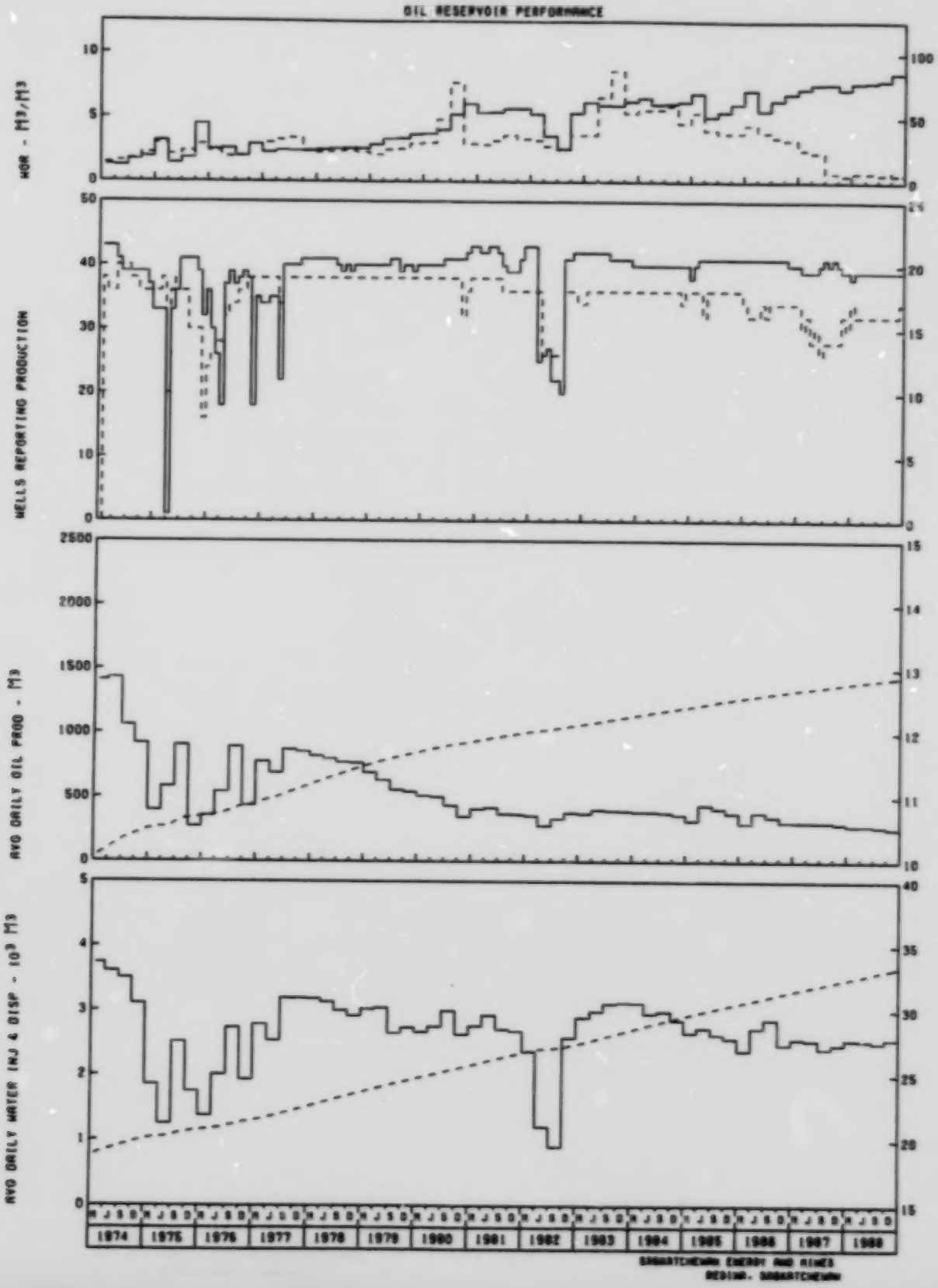


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

DOLLARD UPPER SHAUNAVON POOL

DOLLARD UNIT

OIL RESERVOIR PERFORMANCE

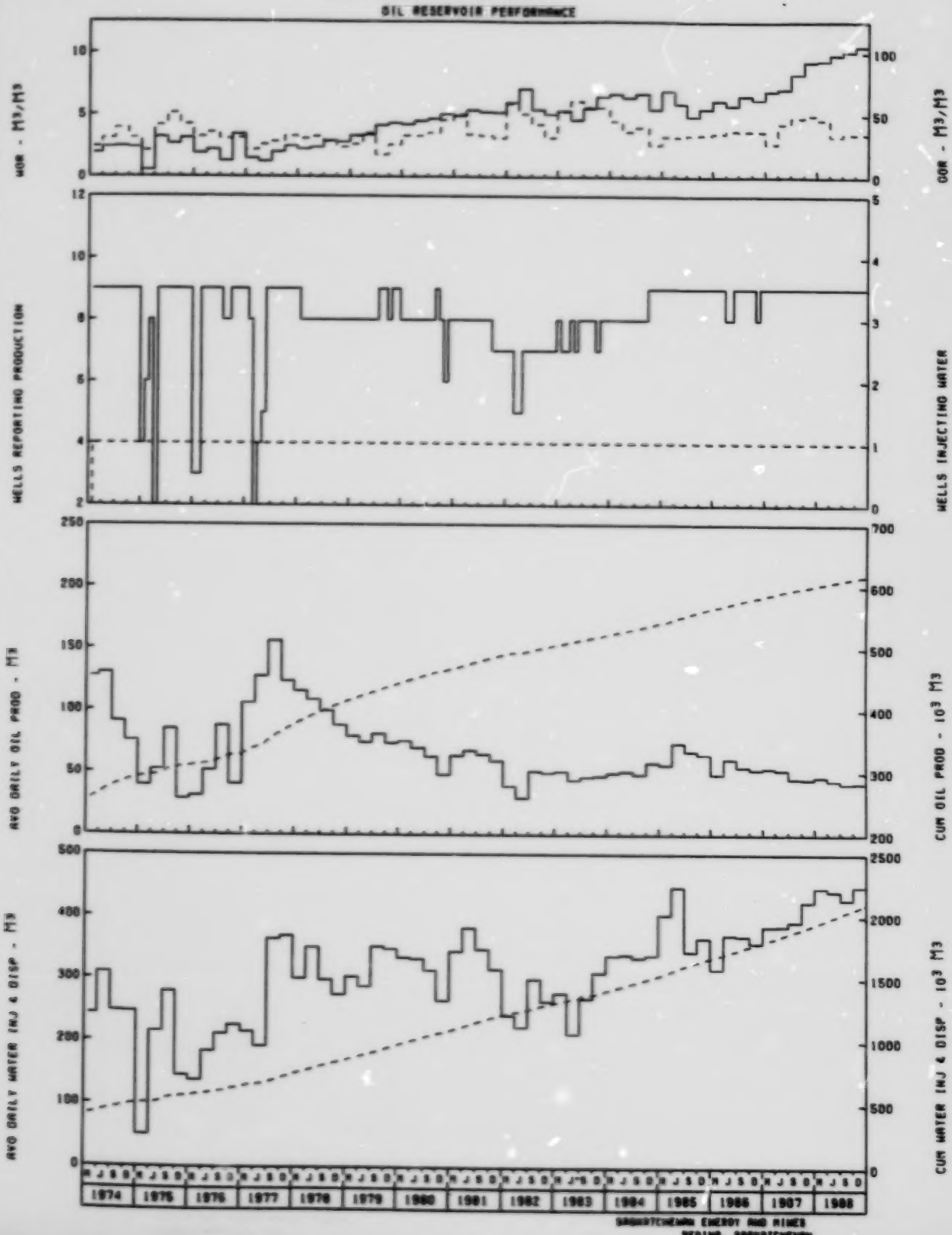


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DOLLARD UPPER SHAUNAVON POOL

EAST DOLLARD VOL UNIT

OIL RESERVOIR PERFORMANCE



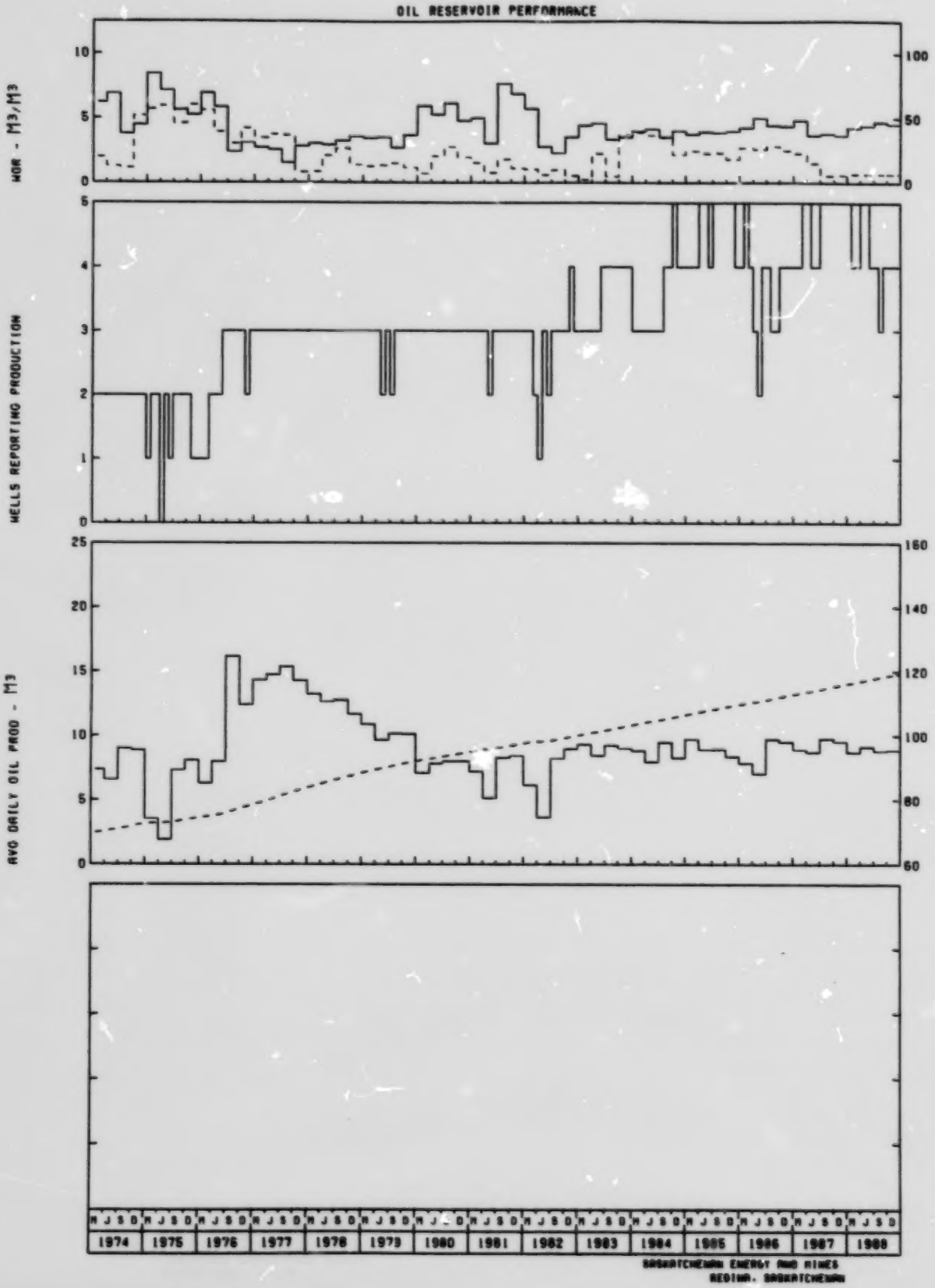
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DOLLARD UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



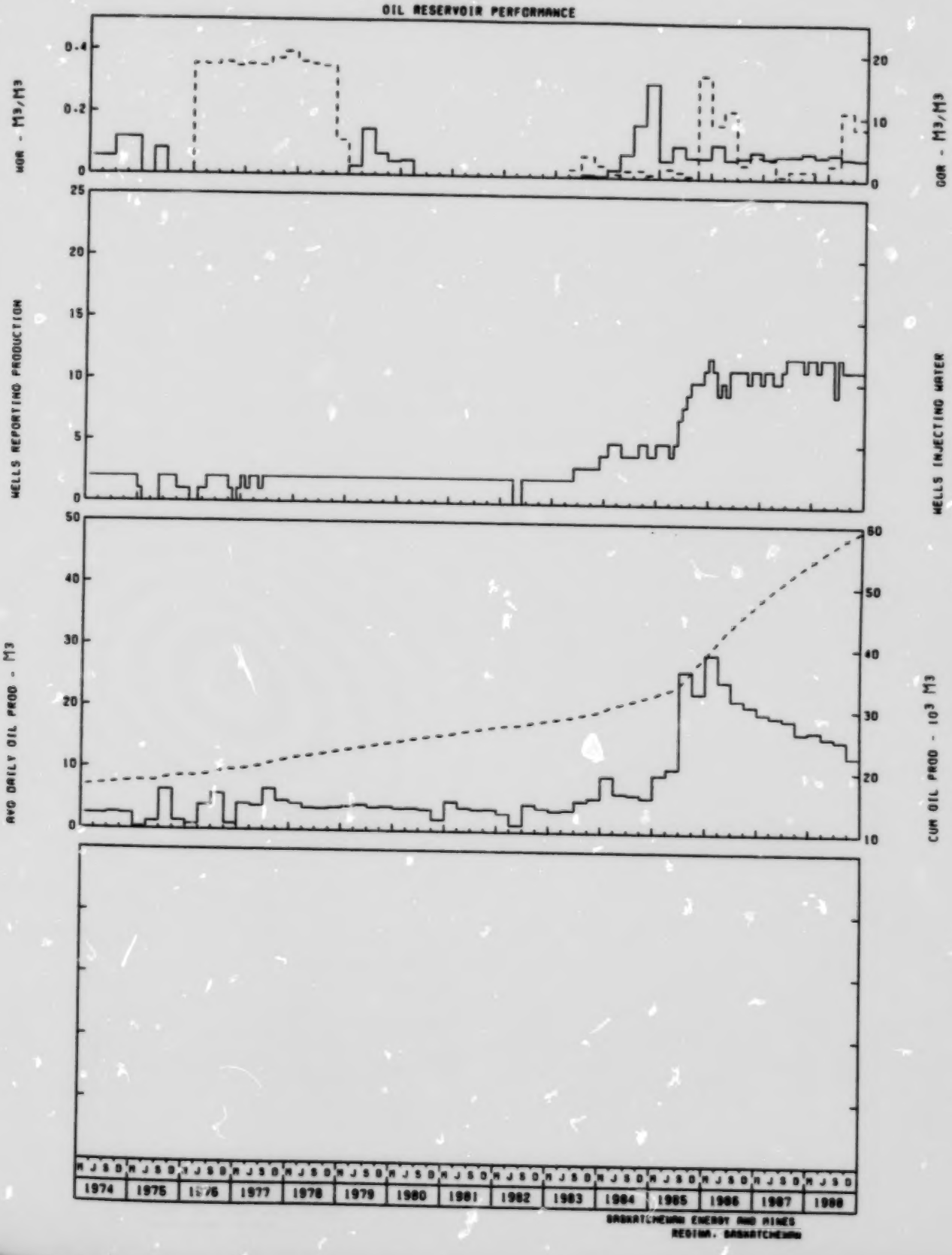
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EASTBROOK UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



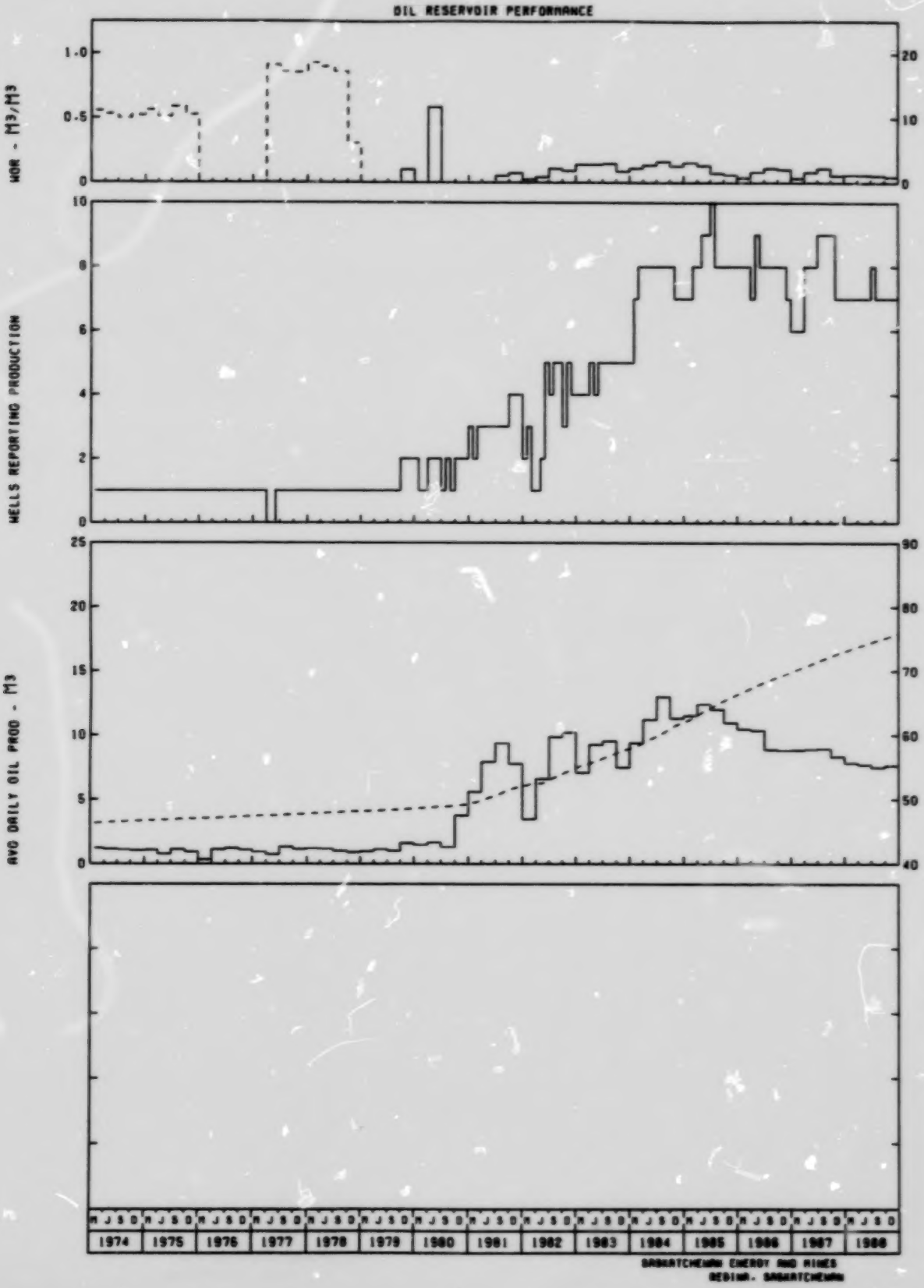
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

EASTEND SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



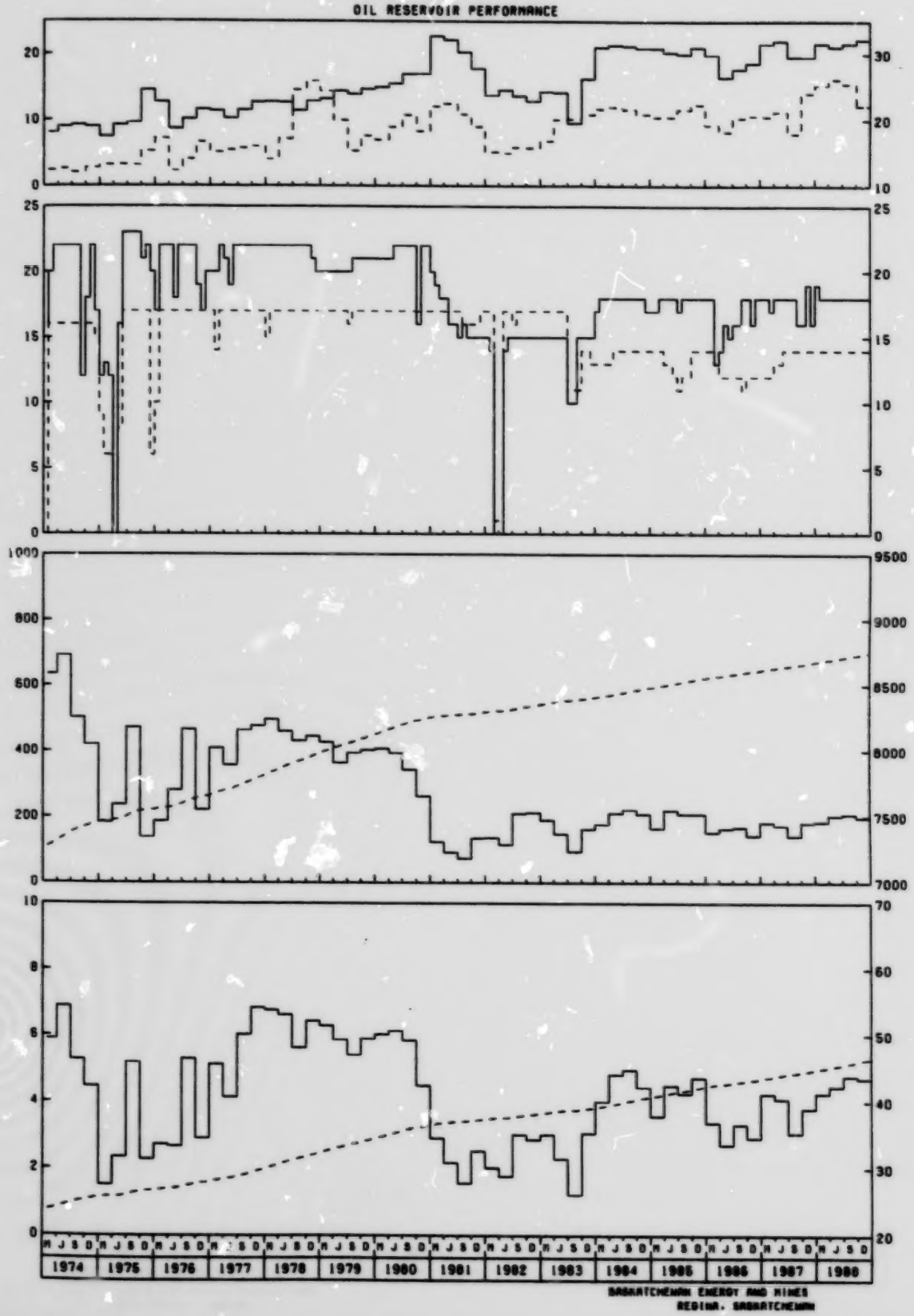
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FOSTERTON ROSERAY SAND POOL

FOSTERTON MAIN UNIT

OIL RESERVOIR PERFORMANCE



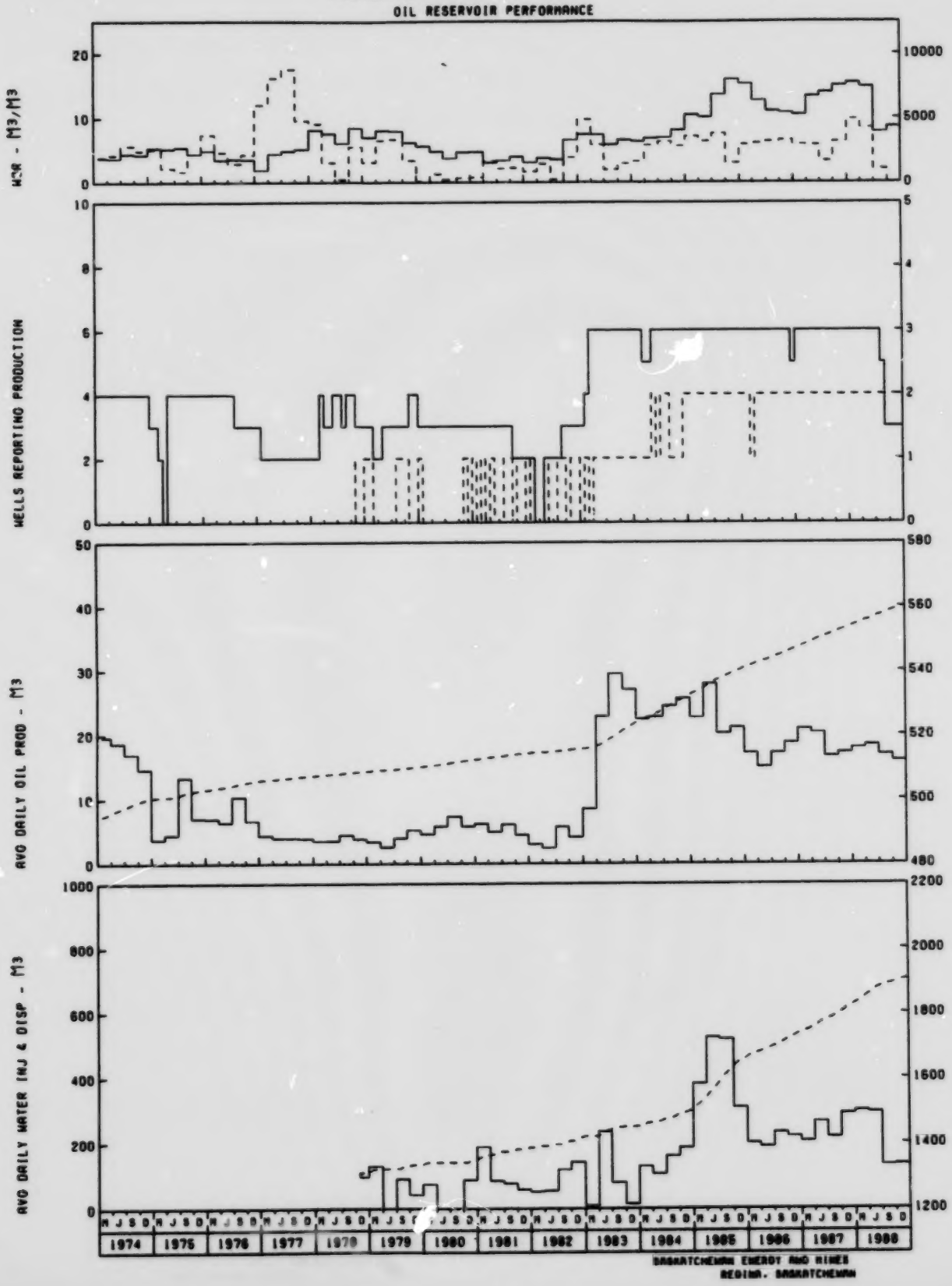
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FOSTERTON ROSERAY SAND POOL

FOSTERTON NORTHWEST UNIT

OIL RESERVOIR PERFORMANCE

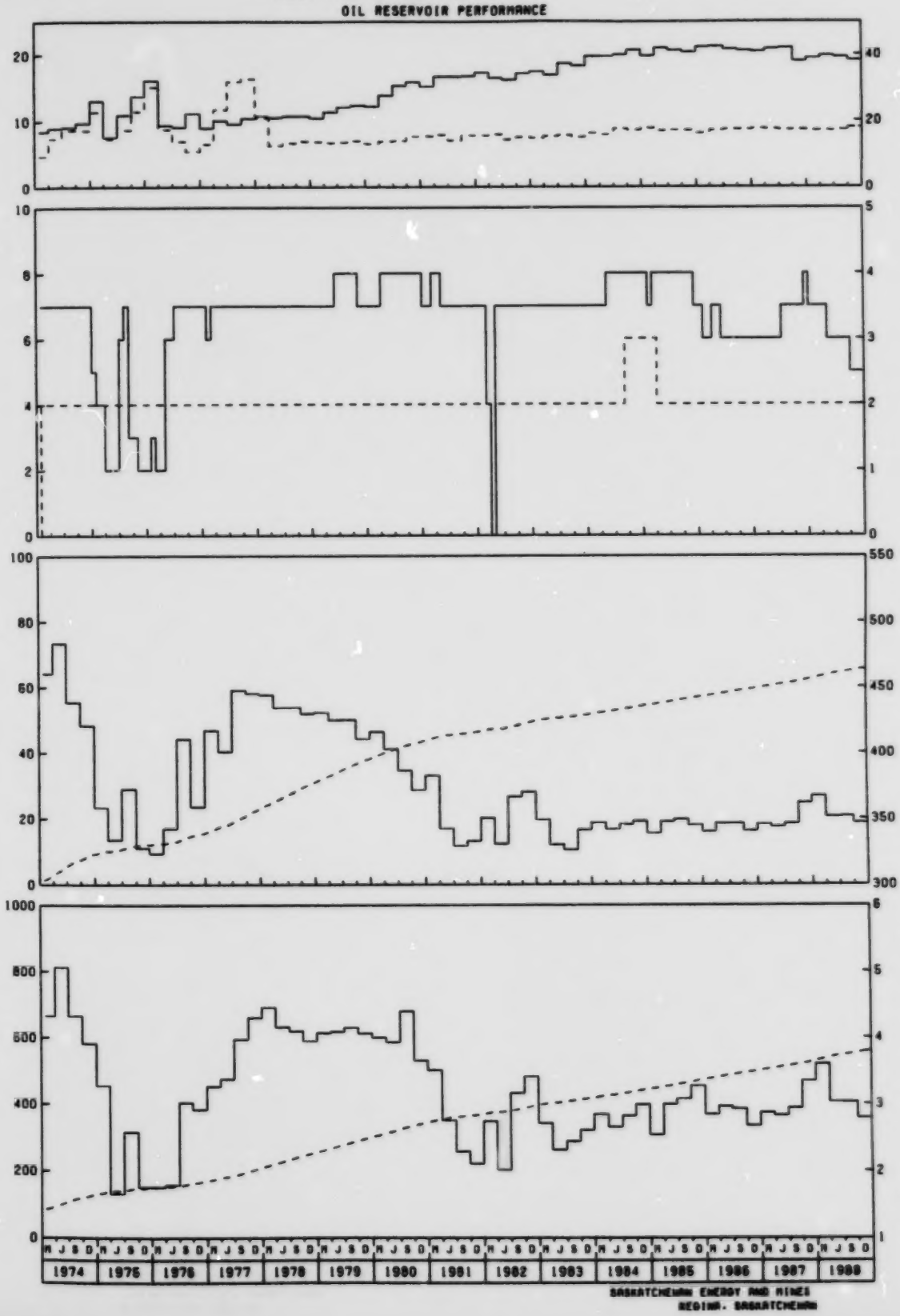


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

FOSTERTON ROSERAY SAND POOL

WEST FOSTERTON VOL UNIT

OIL RESERVOIR PERFORMANCE



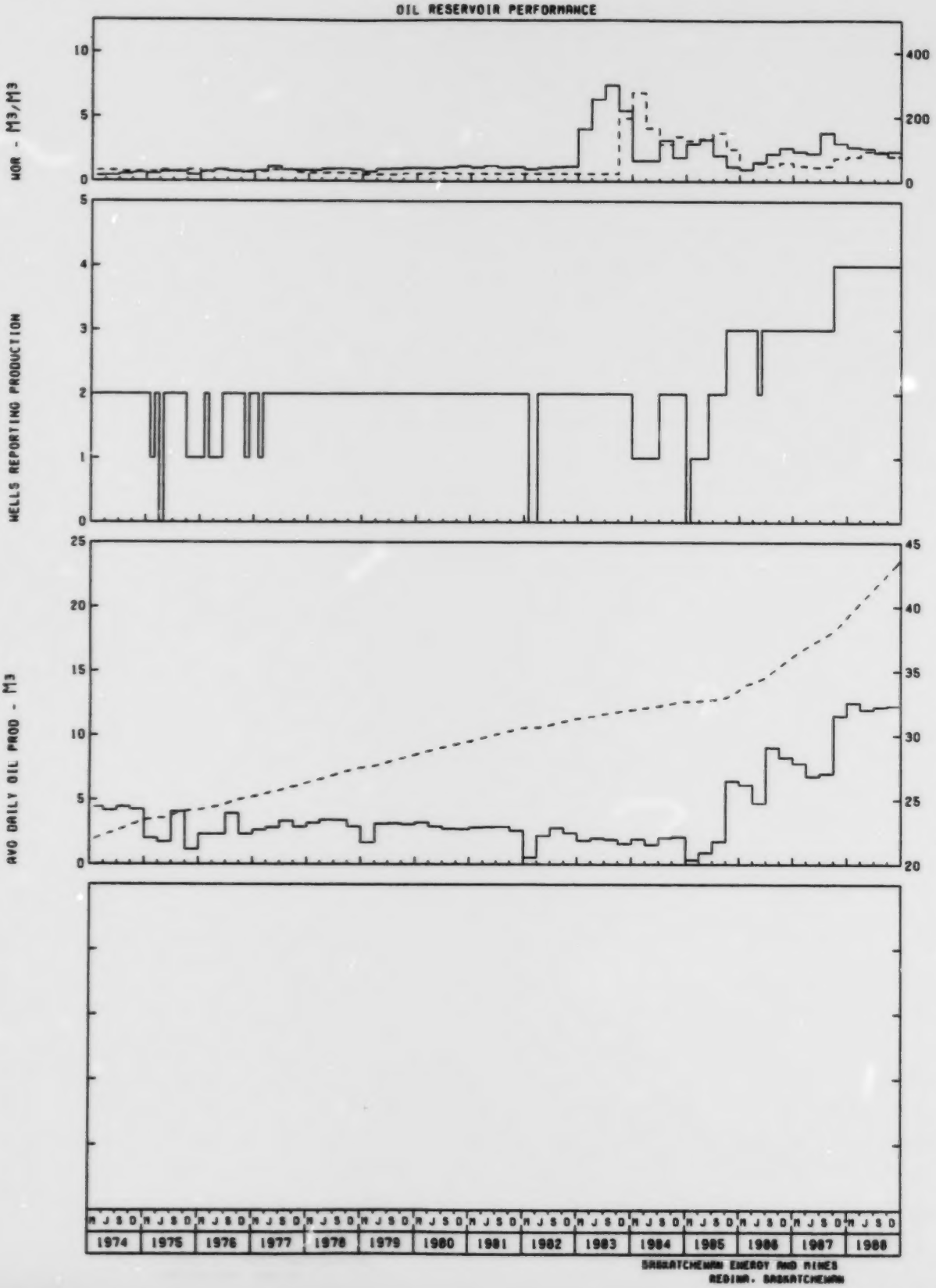
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FOSTERTON SOUTH CANTUAR SAND

NON-UNITS

OIL RESERVOIR PERFORMANCE



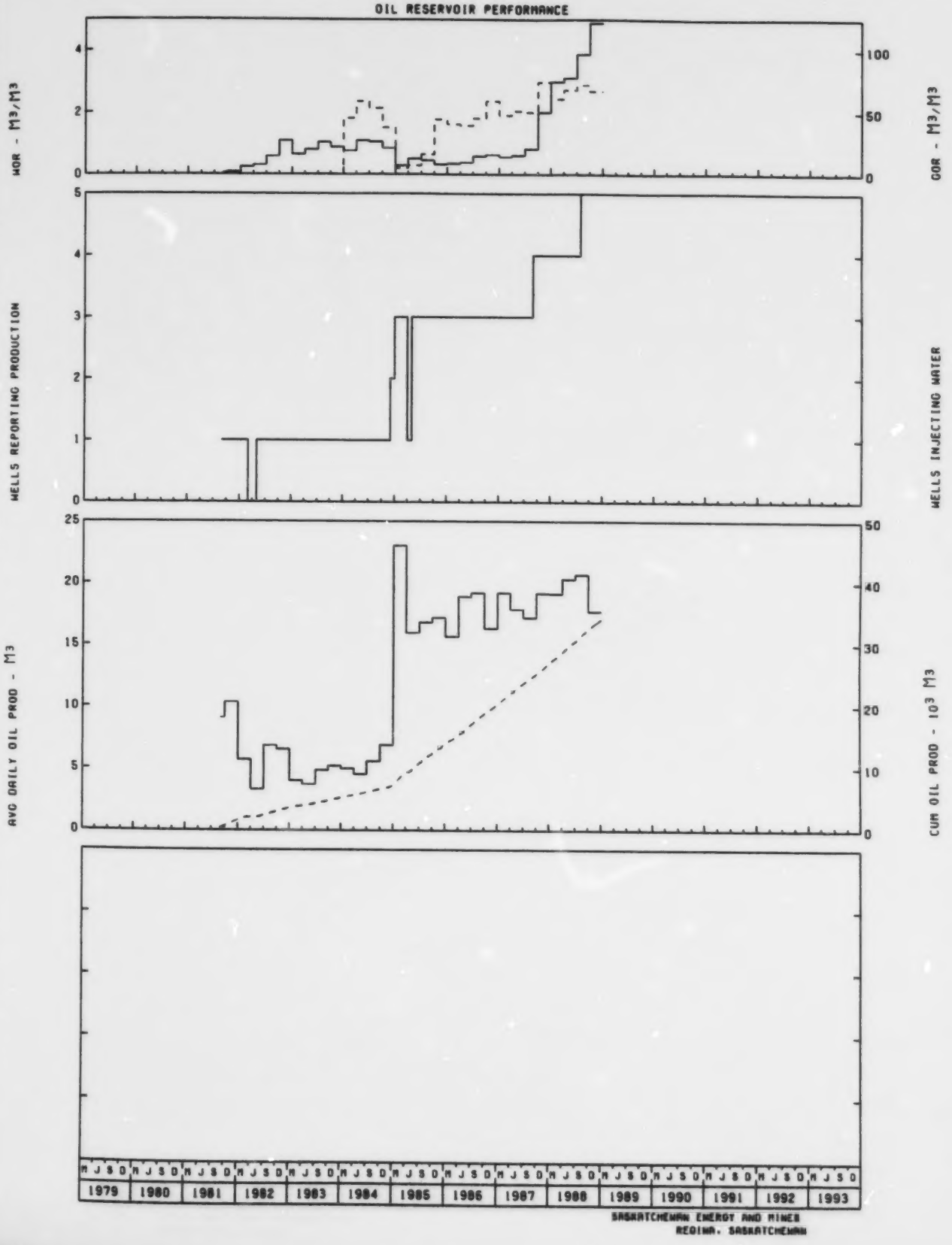
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FOSTERTON SOUTH ROSERAY SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



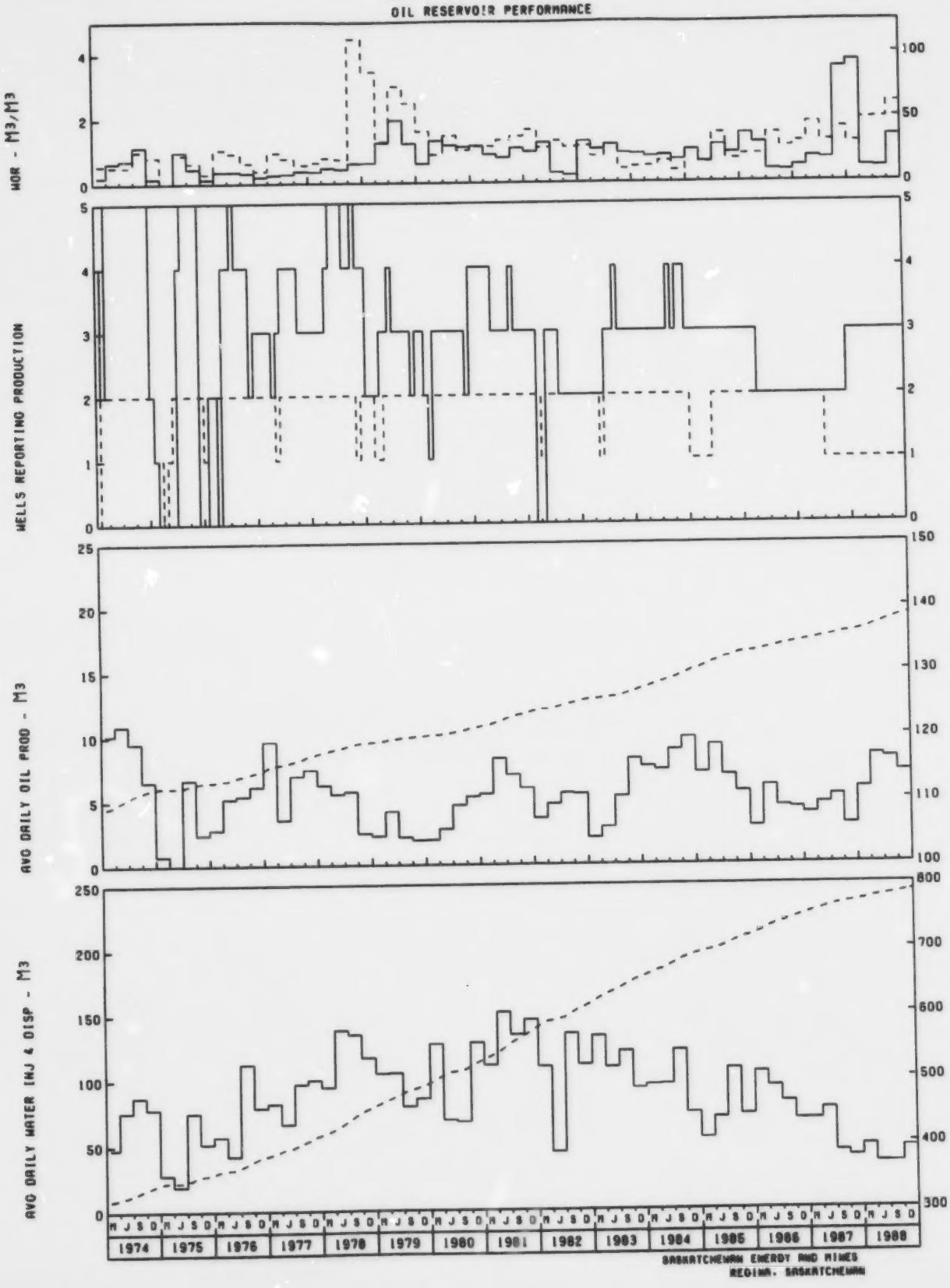
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE BASAL CANTUAR SAND PL

JOHNSTON UNIT

OIL RESERVOIR PERFORMANCE



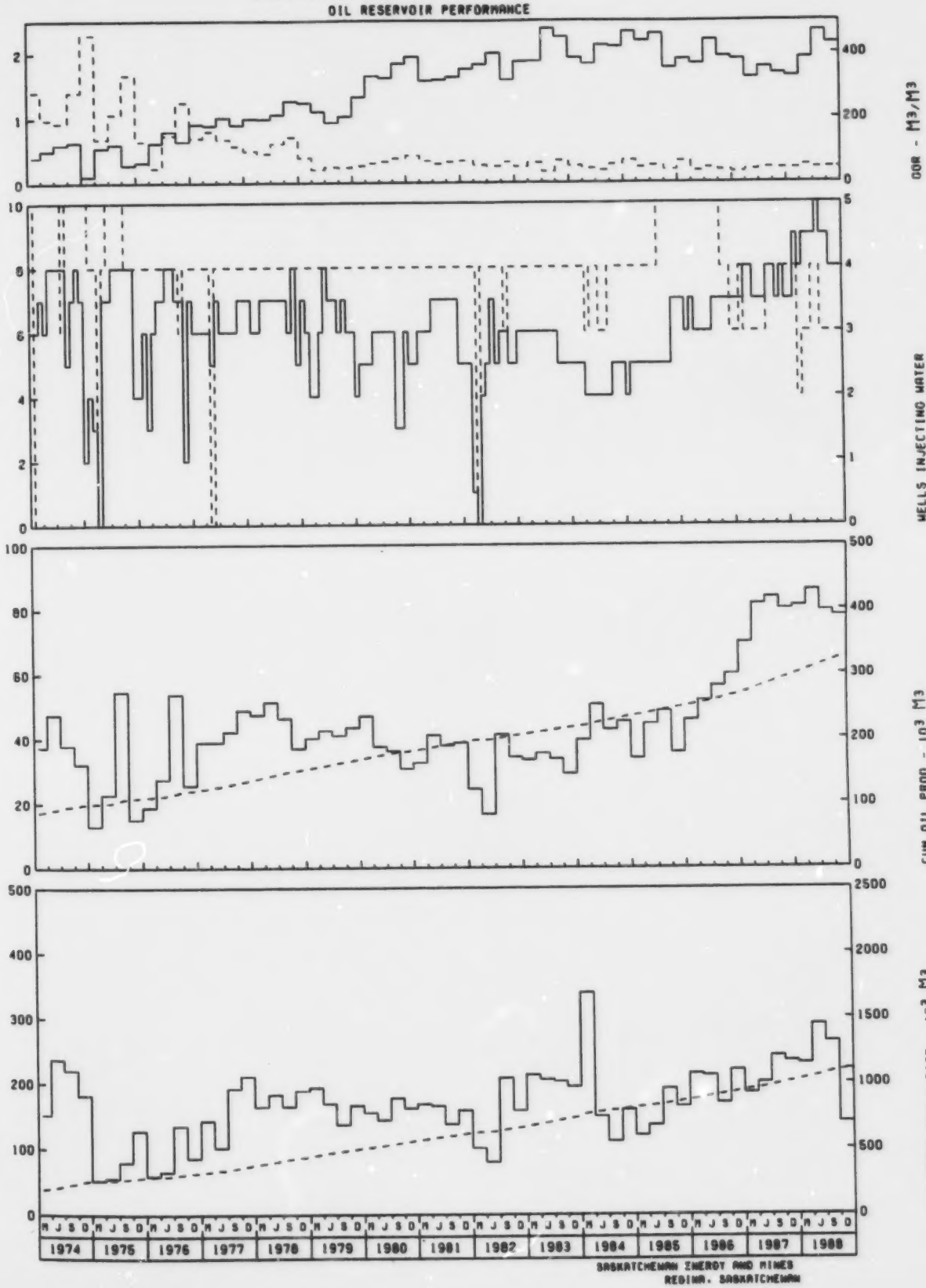
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE BASAL CANTUAR SAND PL

GULL LAKE CANT VOL UNIT 1

OIL RESERVOIR PERFORMANCE



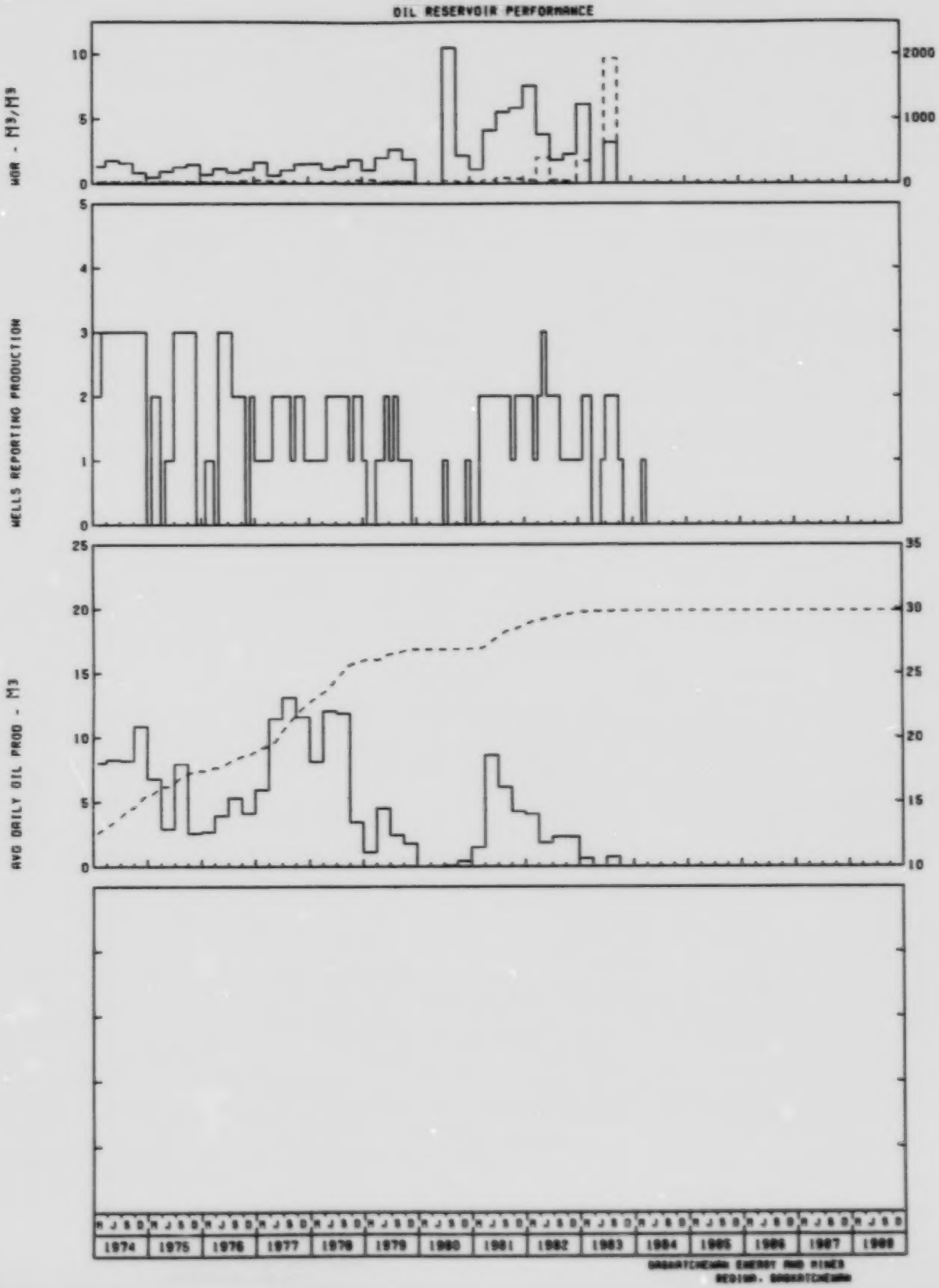
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE BASAL CANTUAR SAND PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



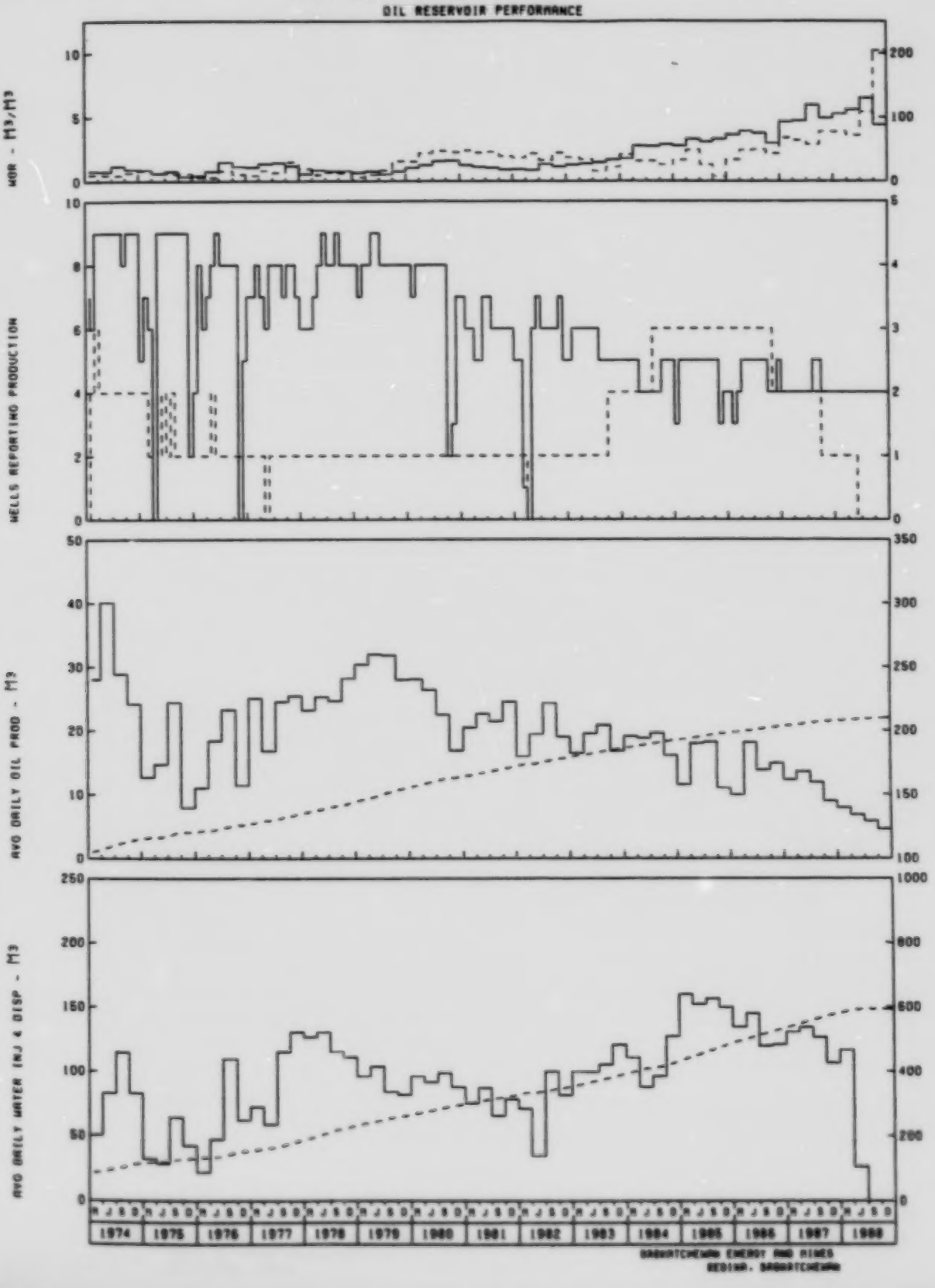
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE CENTRAL UPPER SHAUN PL

GULL LAKE U SHAUN VOL UNIT 1

OIL RESERVOIR PERFORMANCE



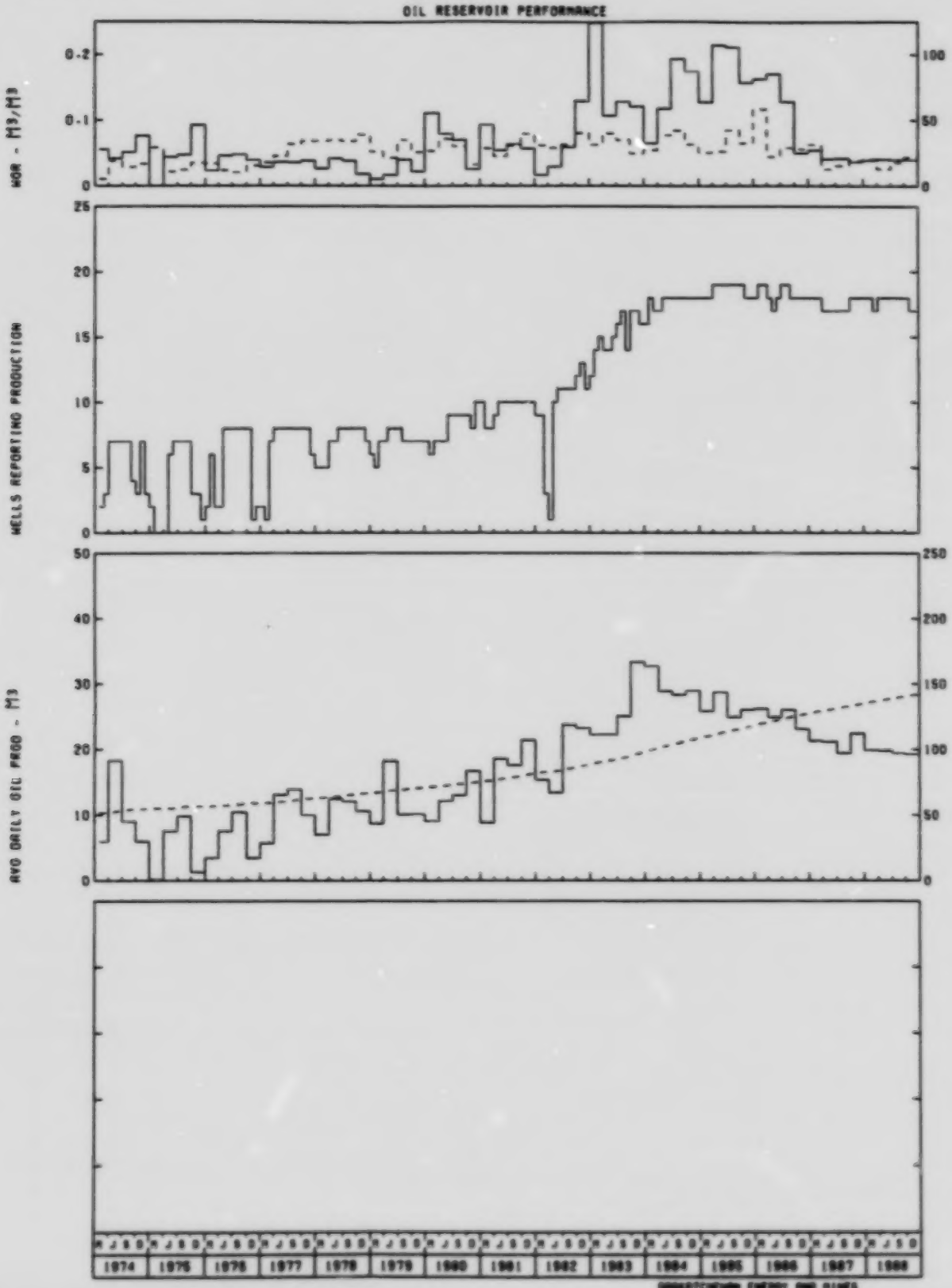
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE CENTRAL UPPER SHAUN PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

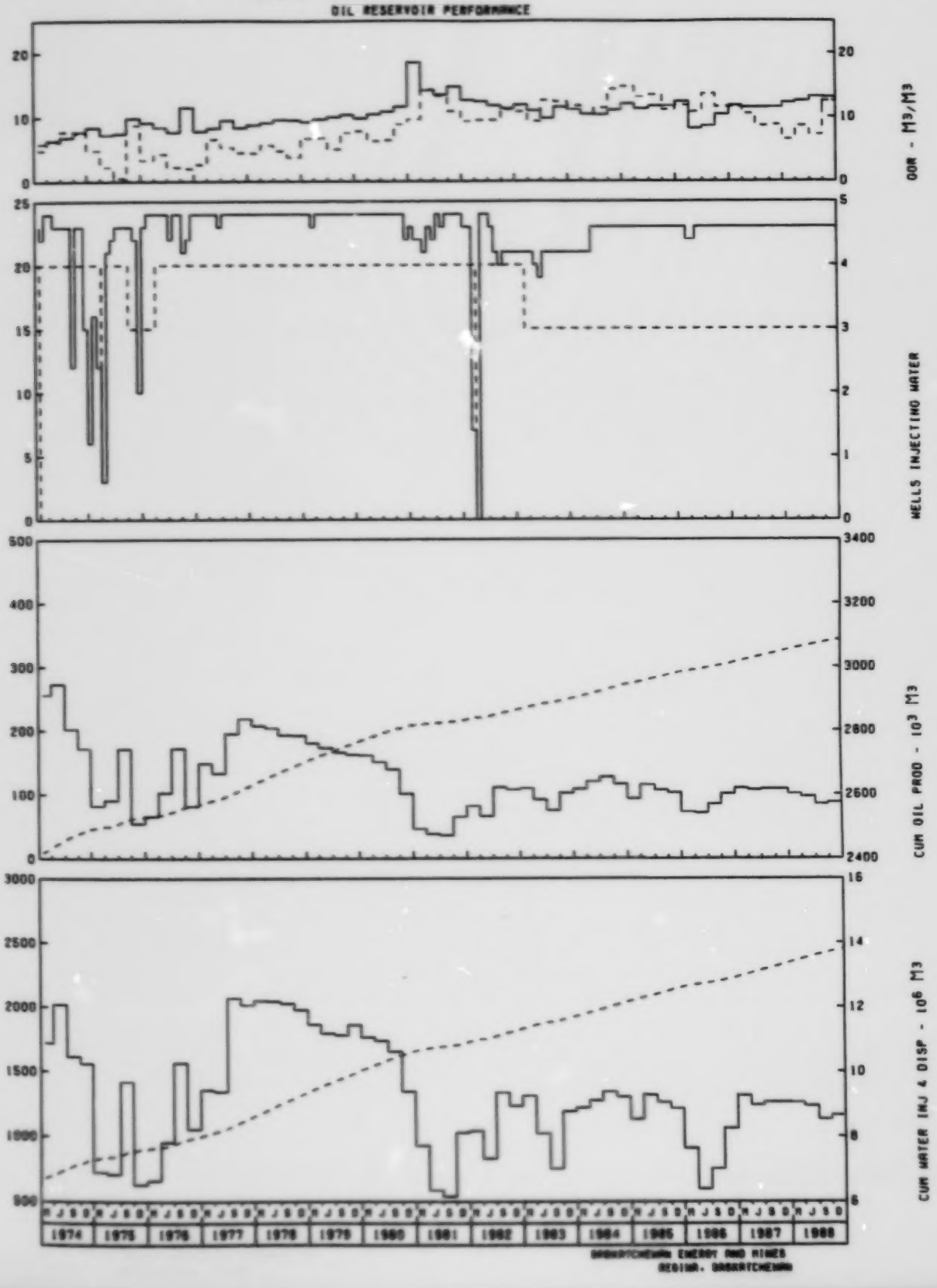


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE NORTH UPPER SHAUN POOL

GULL LK NORTH SHAUNAVON UNIT

OIL RESERVOIR PERFORMANCE



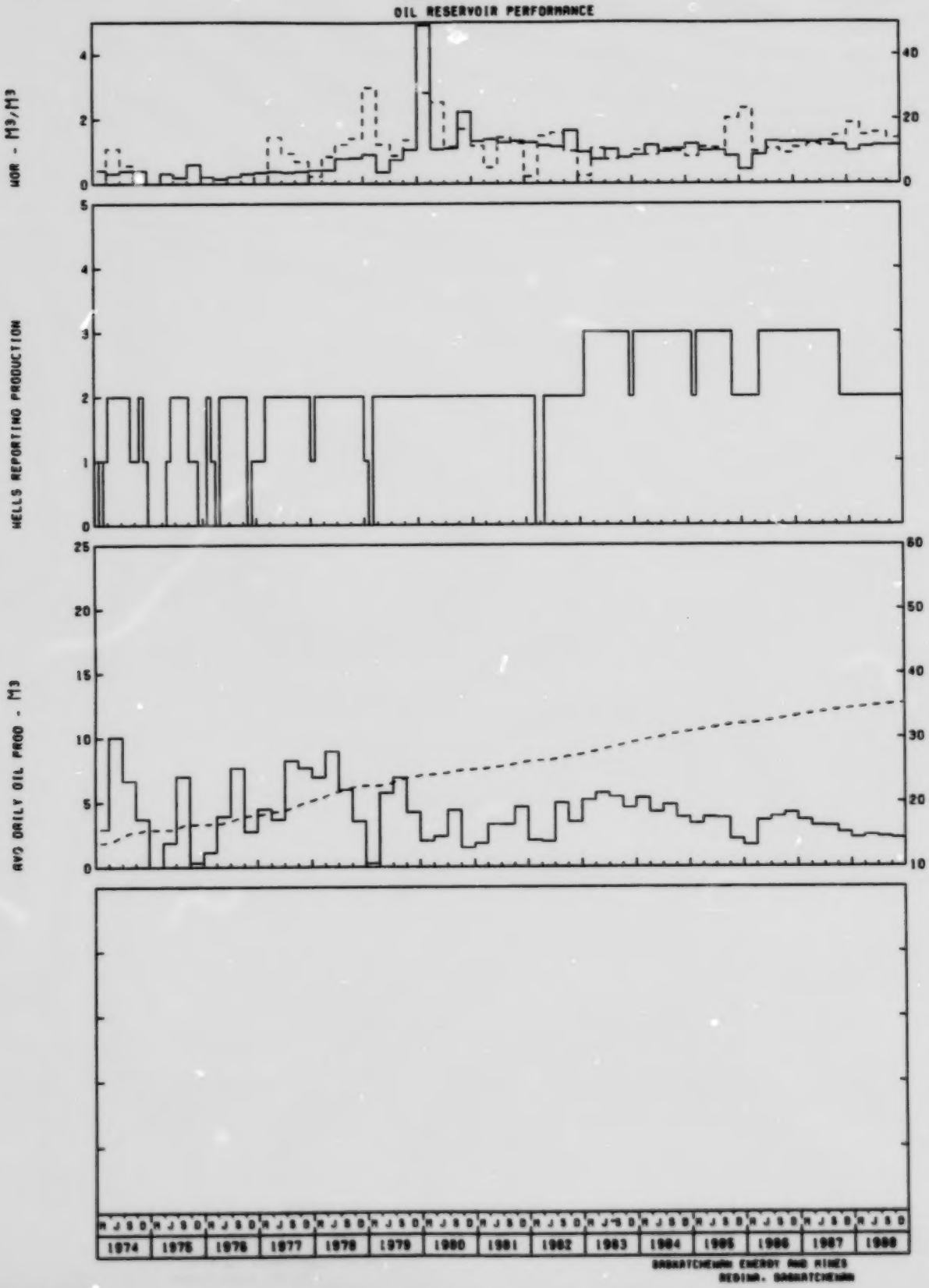
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE NORTH UPPER SHAUN POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



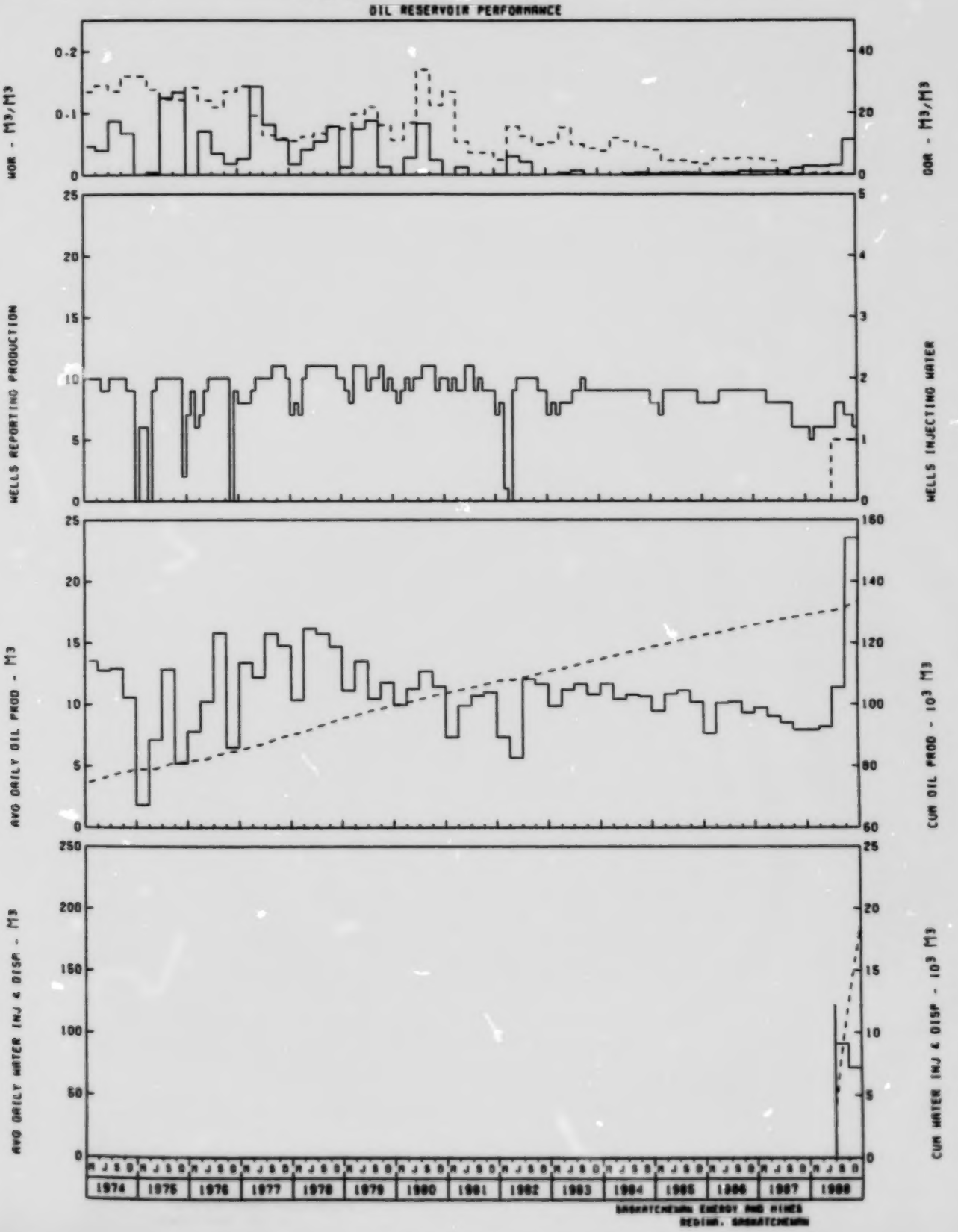
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GULL LAKE SOUTH UPPER SHAUN POOL

GULL LAKE SOUTH VOL UNIT 1

OIL RESERVOIR PERFORMANCE



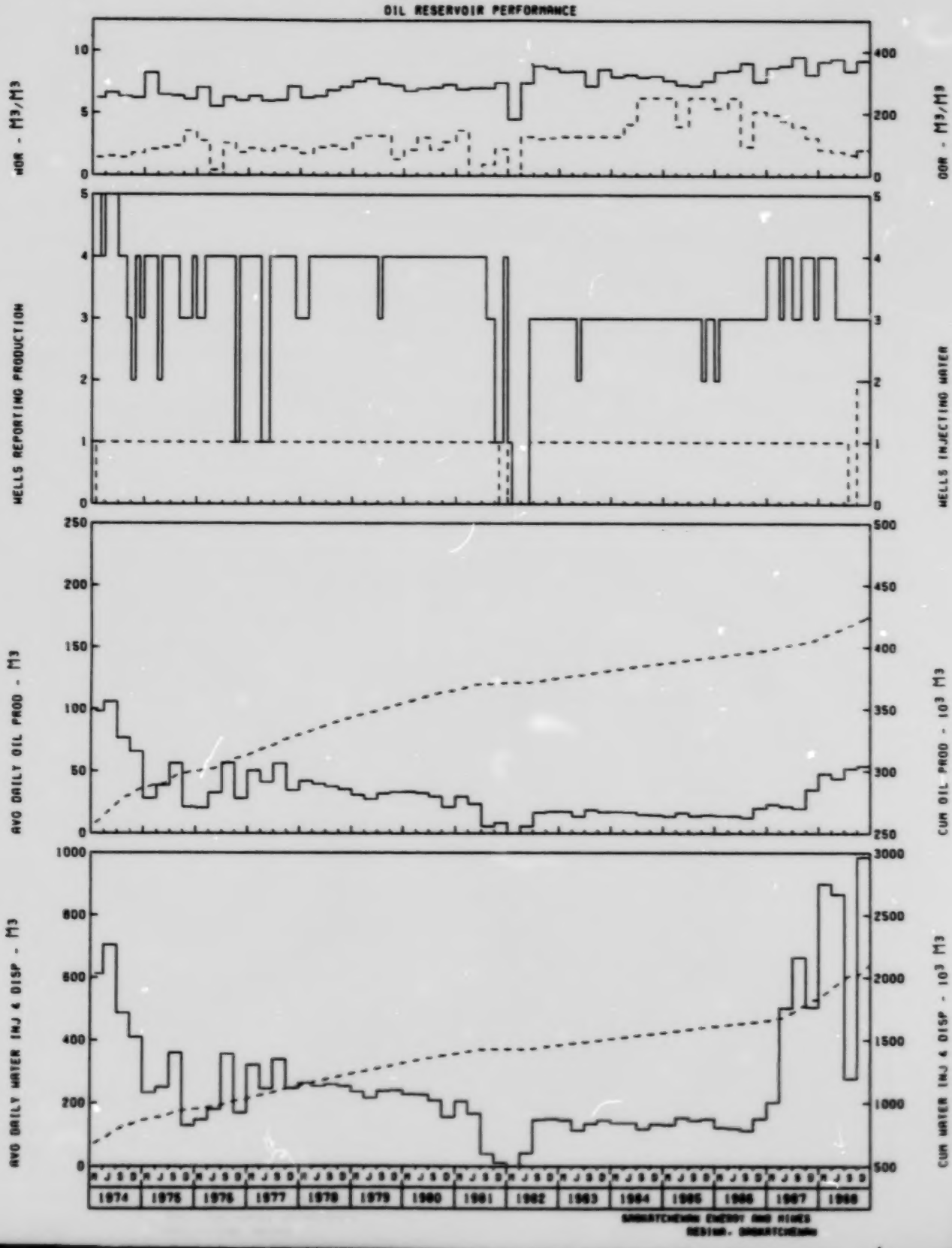
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HAZLET ROSERAY SAND POOL

HAZLET UNIT

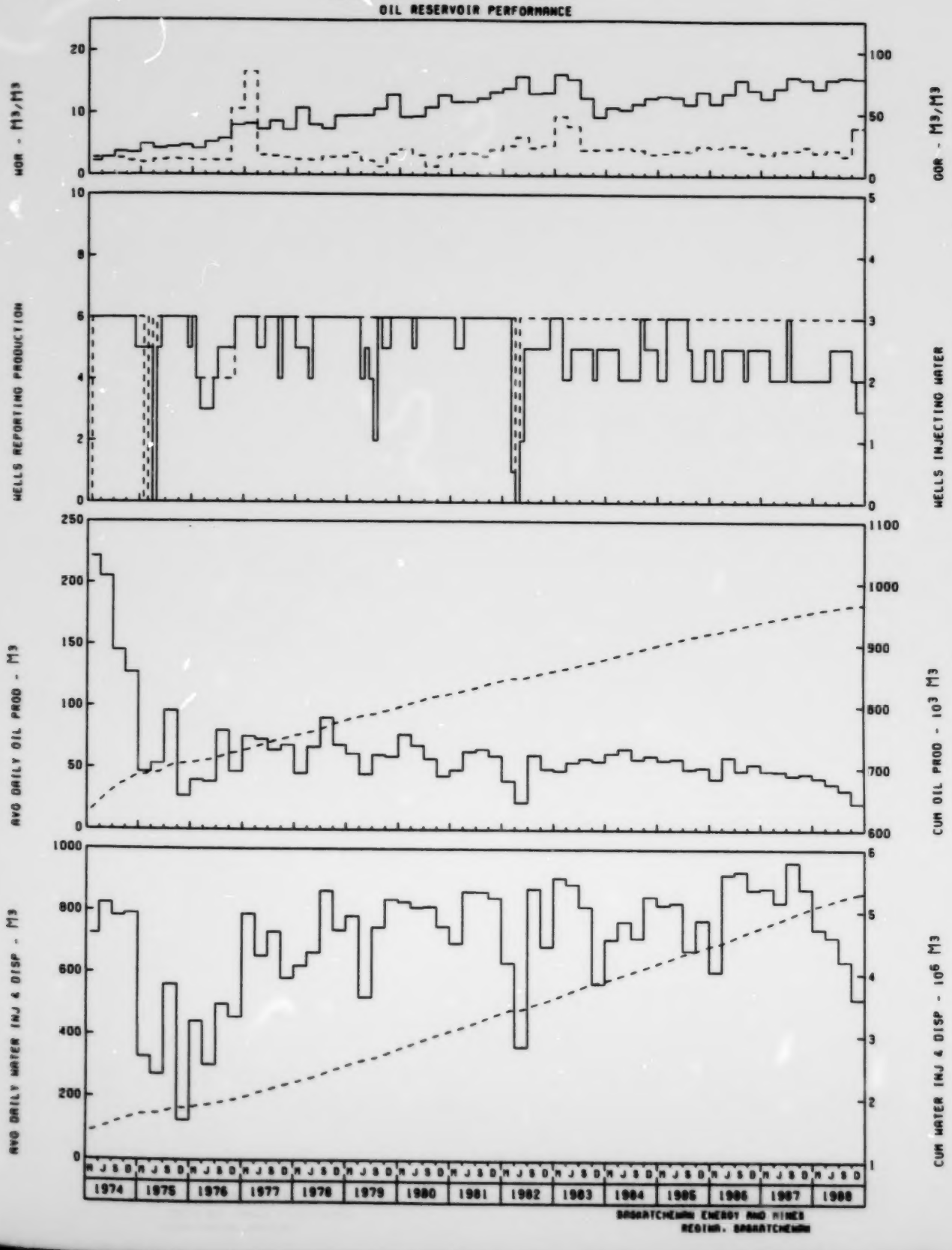
OIL RESERVOIR PERFORMANCE



ILLERBRUN UPPER SHAUNAVON POOL

ILLERBRUN VOLUNTARY UNIT

OIL RESERVOIR PERFORMANCE

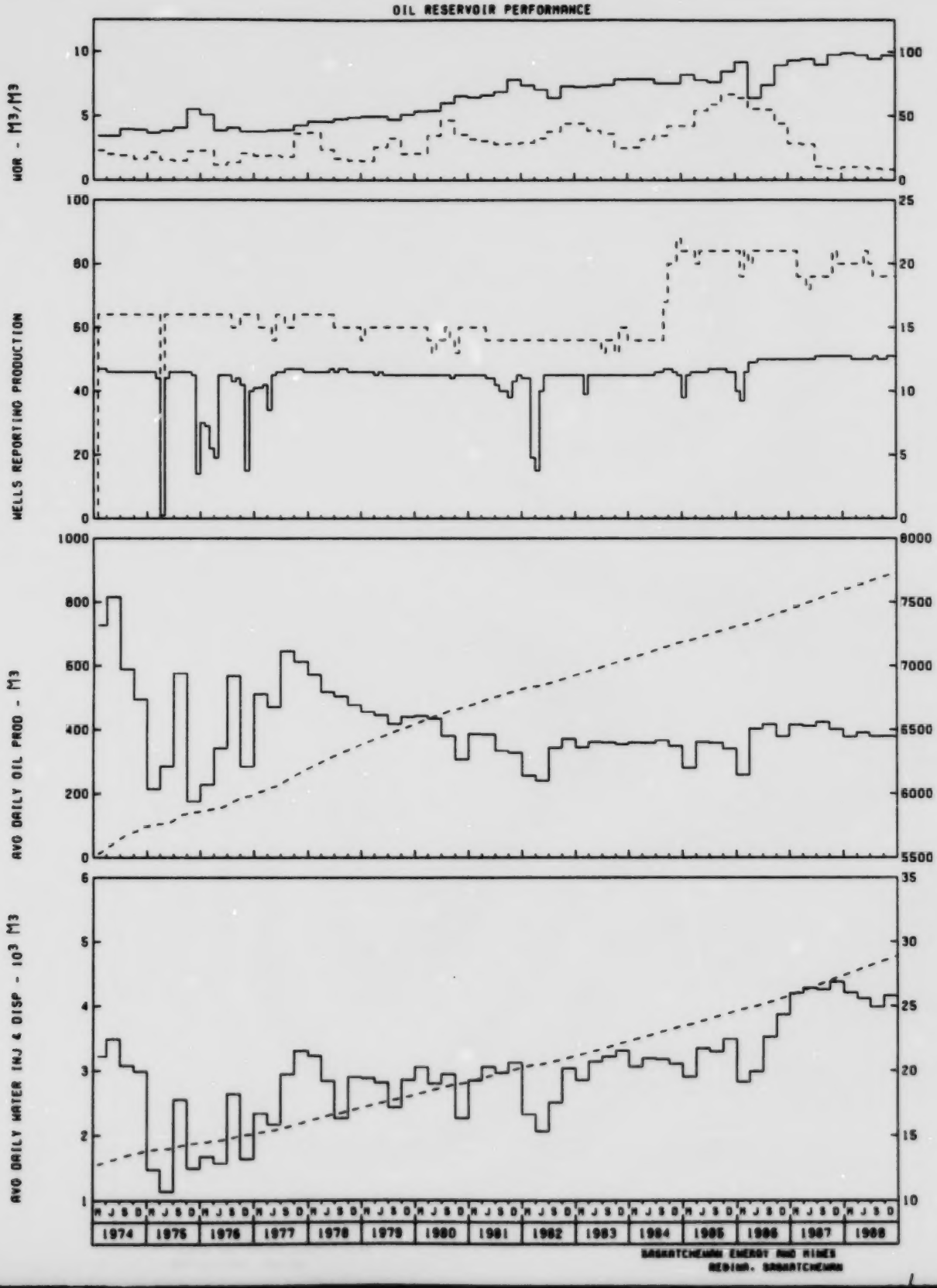


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

INSTOW UPPER SHAUNAVON POOL

INSTOW UNIT

OIL RESERVOIR PERFORMANCE



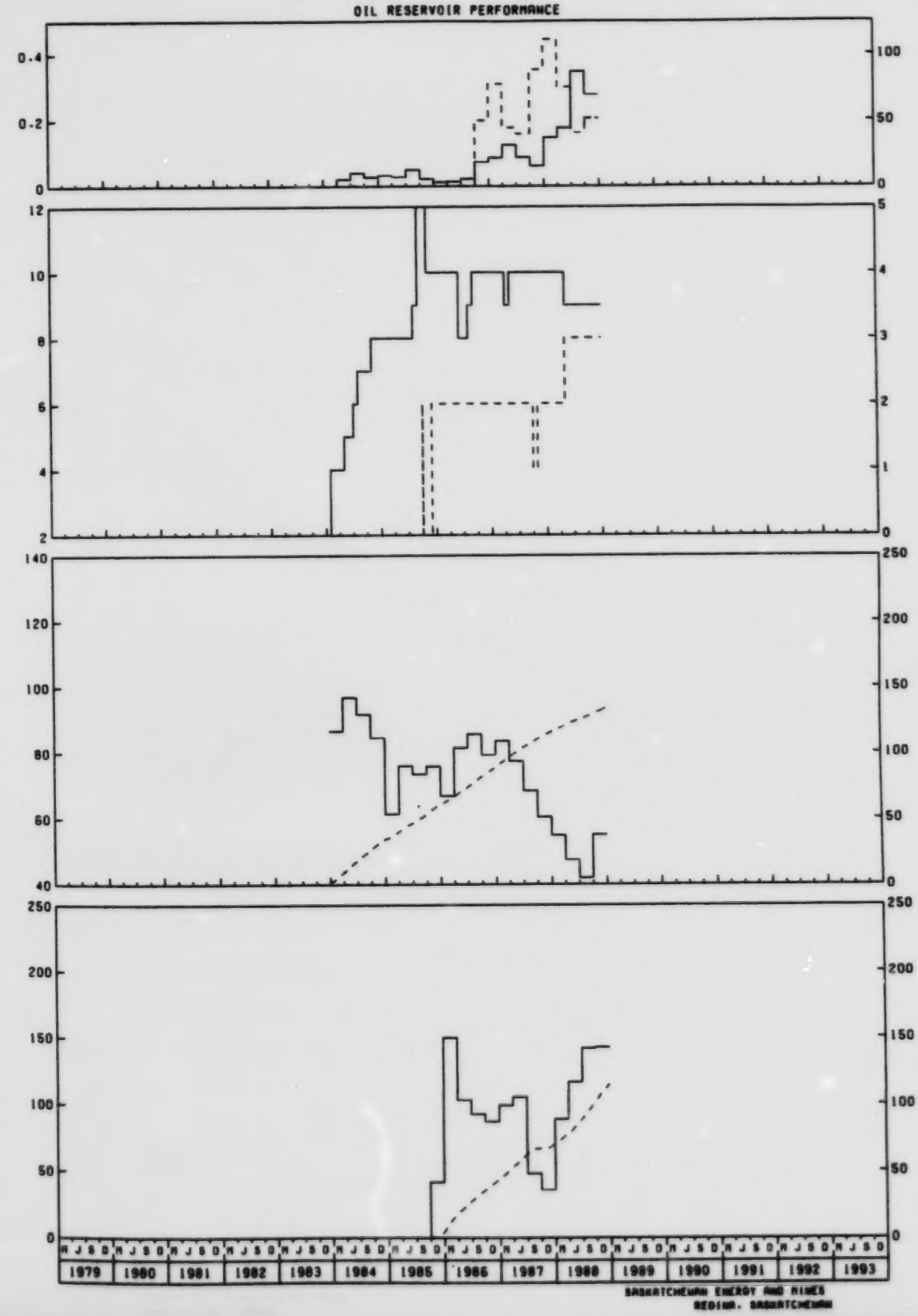
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

INSTOW UPPER SHAUNAVON POOL

INSTOW SO U SHAUN VOL UNIT

OIL RESERVOIR PERFORMANCE



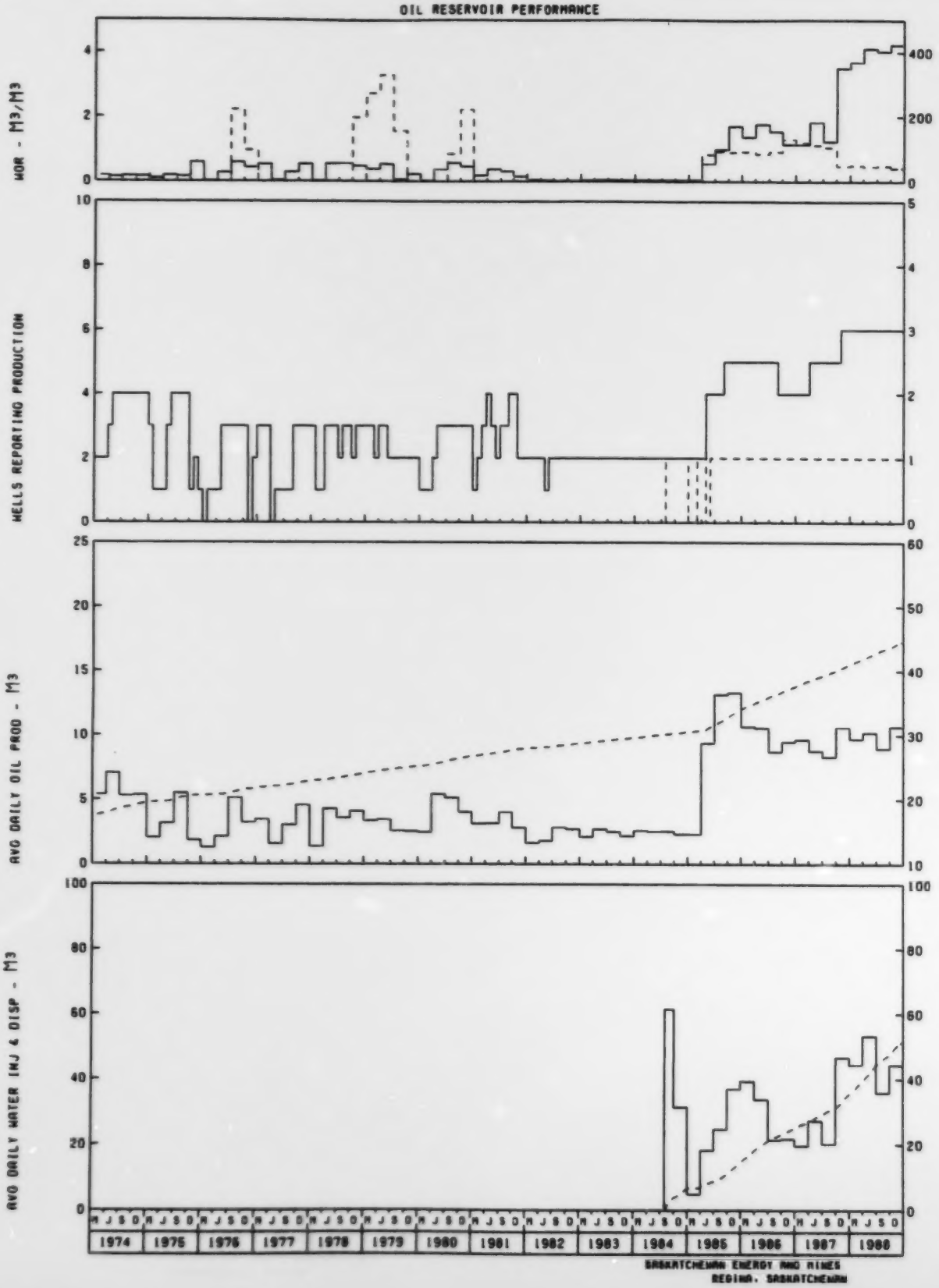
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

JAVA CANTUAR SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



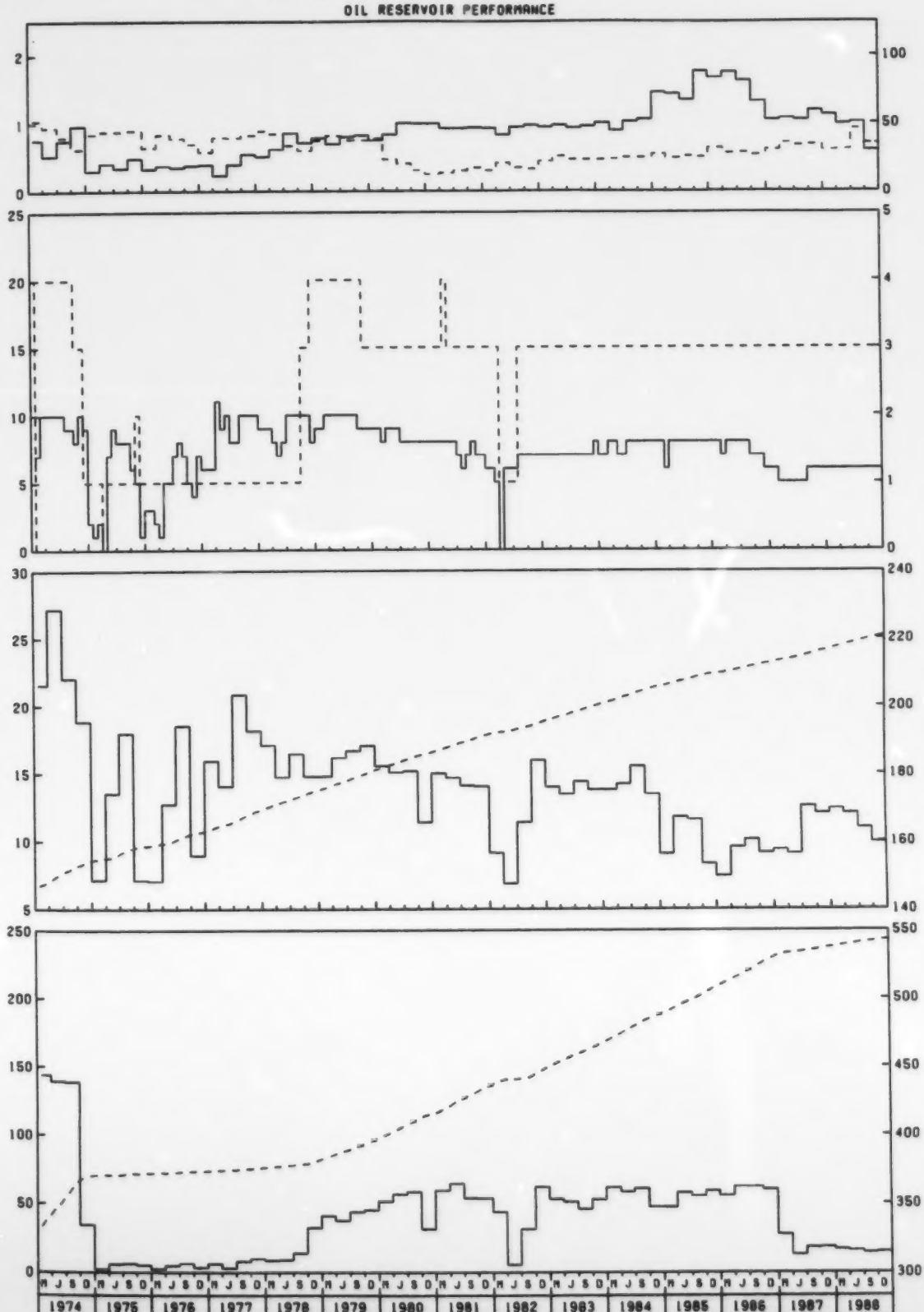
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LEITCHVILLE SHAUNAVON POOL

LEITCHVILLE SHAUN VOL UNIT

OIL RESERVOIR PERFORMANCE



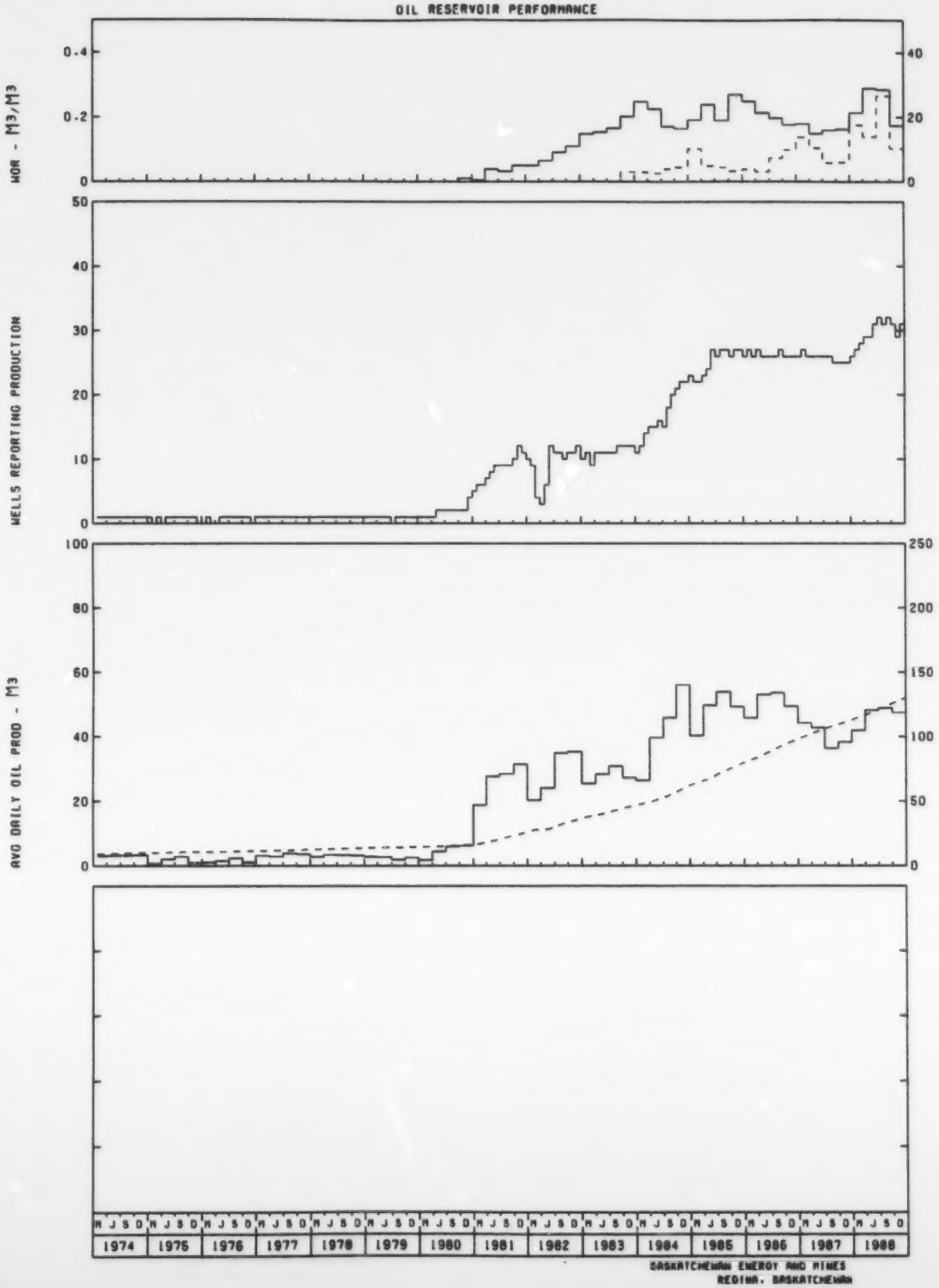
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LEITCHVILLE SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



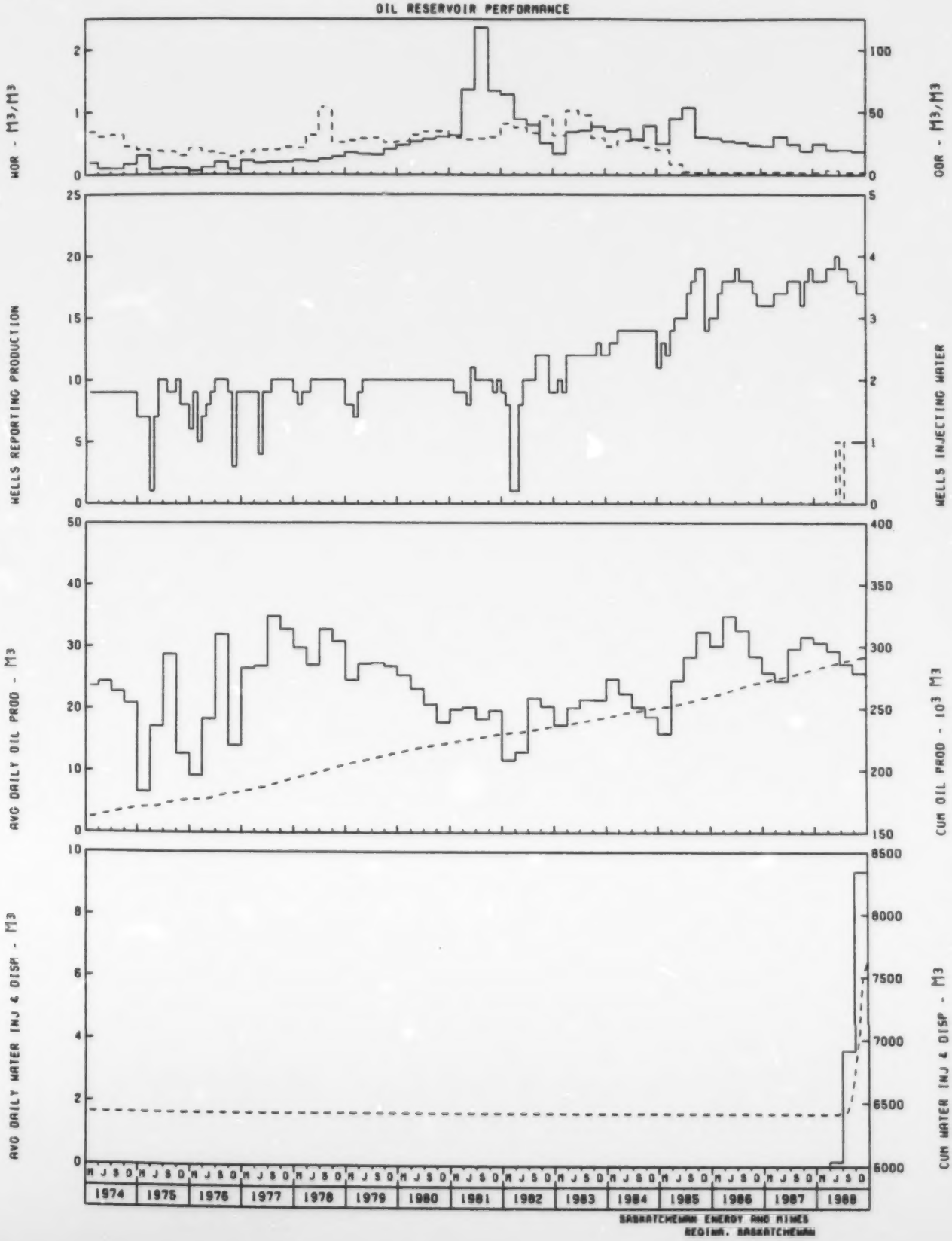
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LEON LAKE SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



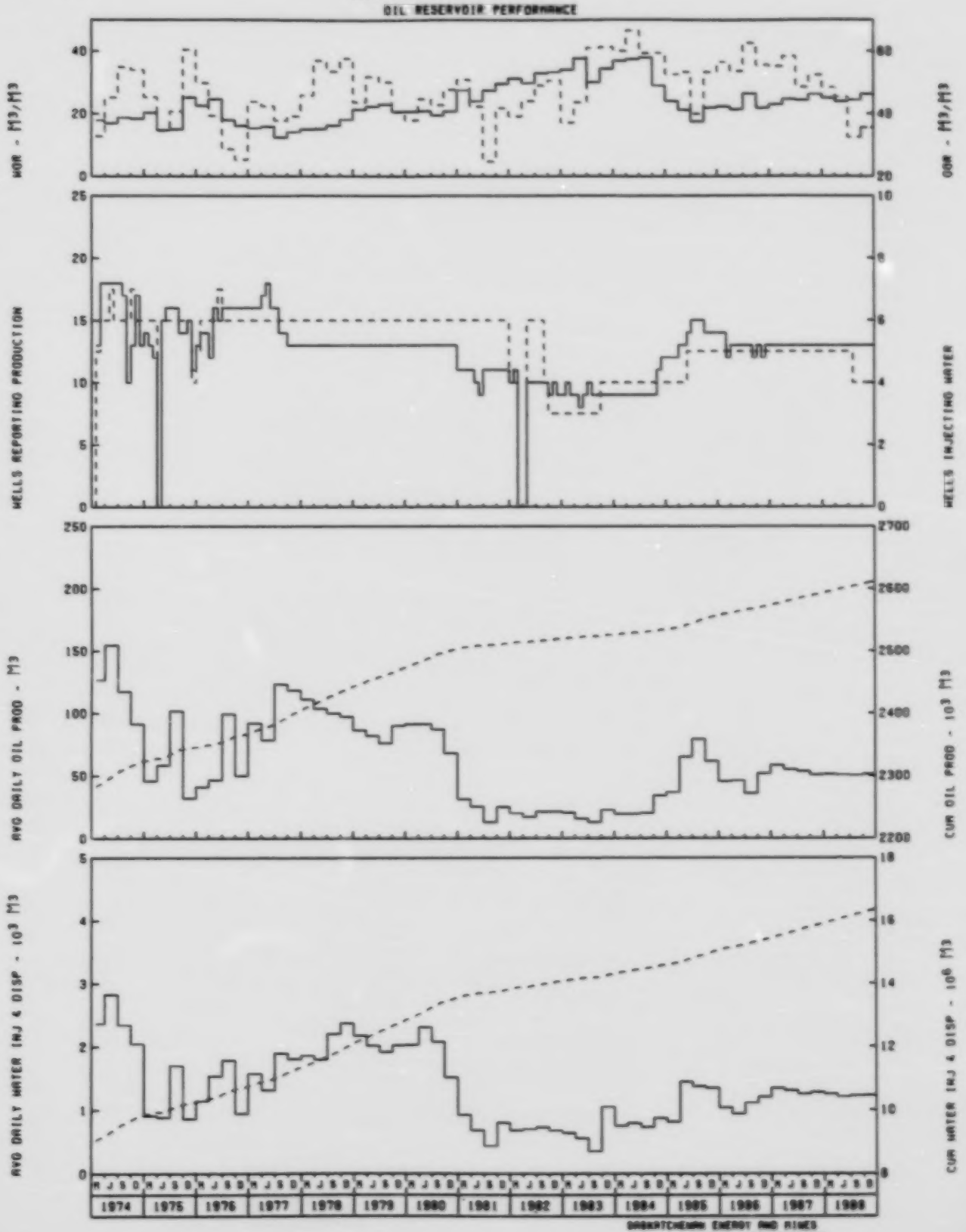
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

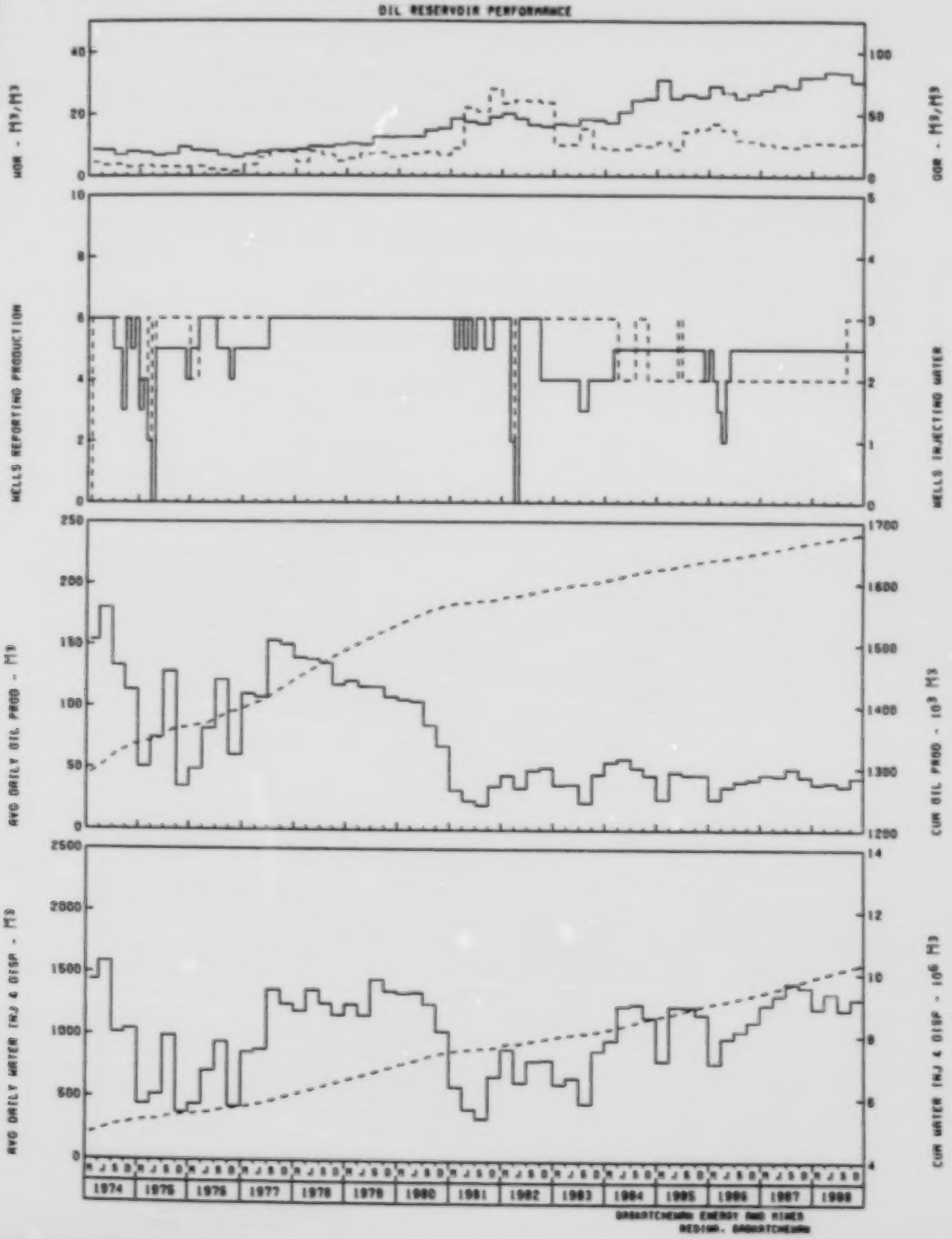
MAIN SUCCESS ROSERAY SAND POOL

SUCCESS MAIN UNIT

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

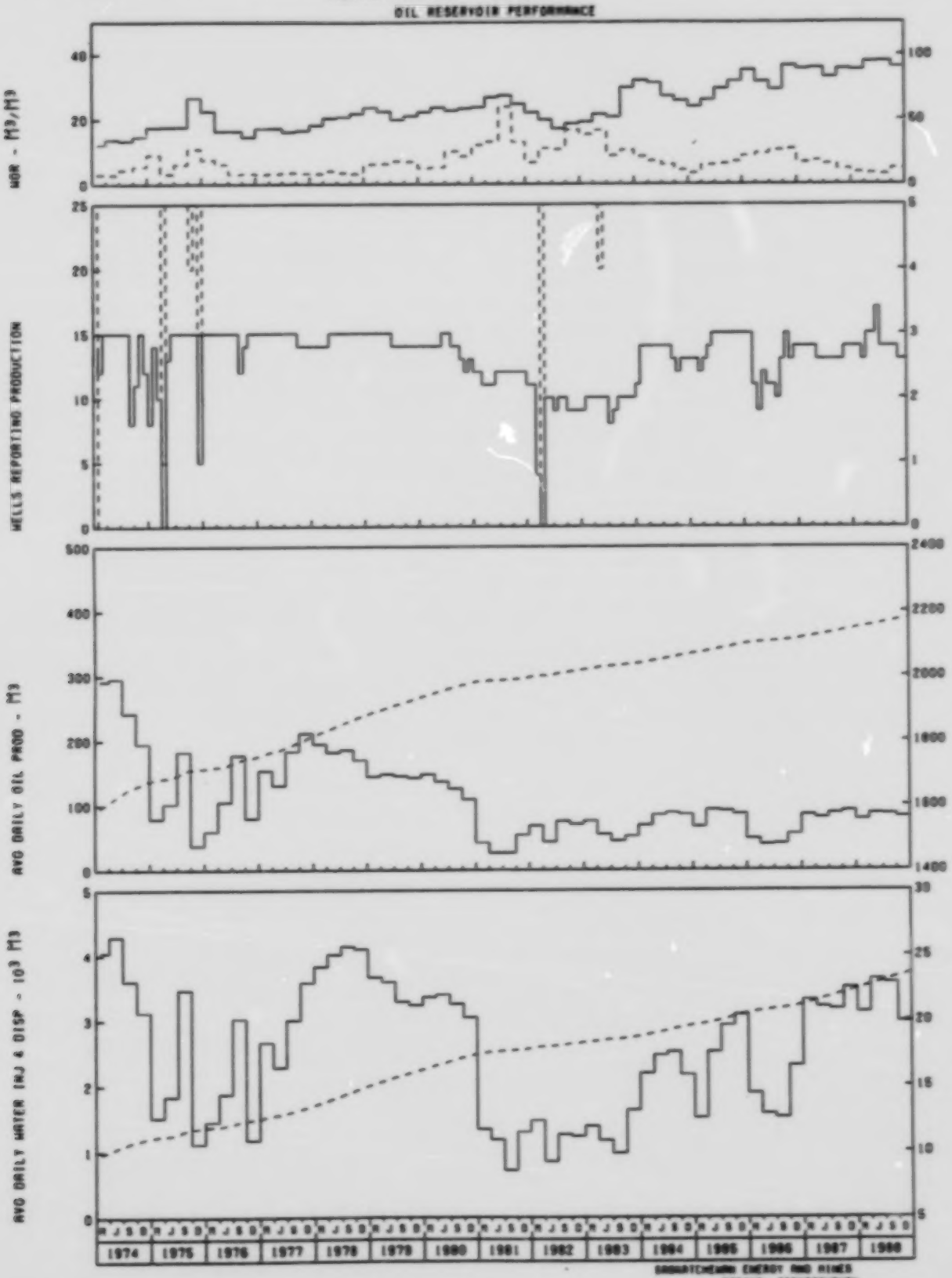

LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
NORTH PREMIER ROSERAY SAND POOL
NORTH PREMIER UNIT NO 1
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
GOR - M3/M3
WELLS REPORTING PRODUCTION
WELLS INJECTING WATER
AVG DAILY OIL PROD - M3
CUM OIL PROD - 10³ M3
AVG DAILY WATER INJ & DISP - M3
CUM WATER INJ & DISP - 10⁶ M3
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH PREMIER ROSERAY SAND POOL

NORTH PREMIER VOL UNIT 4

OIL RESERVOIR PERFORMANCE

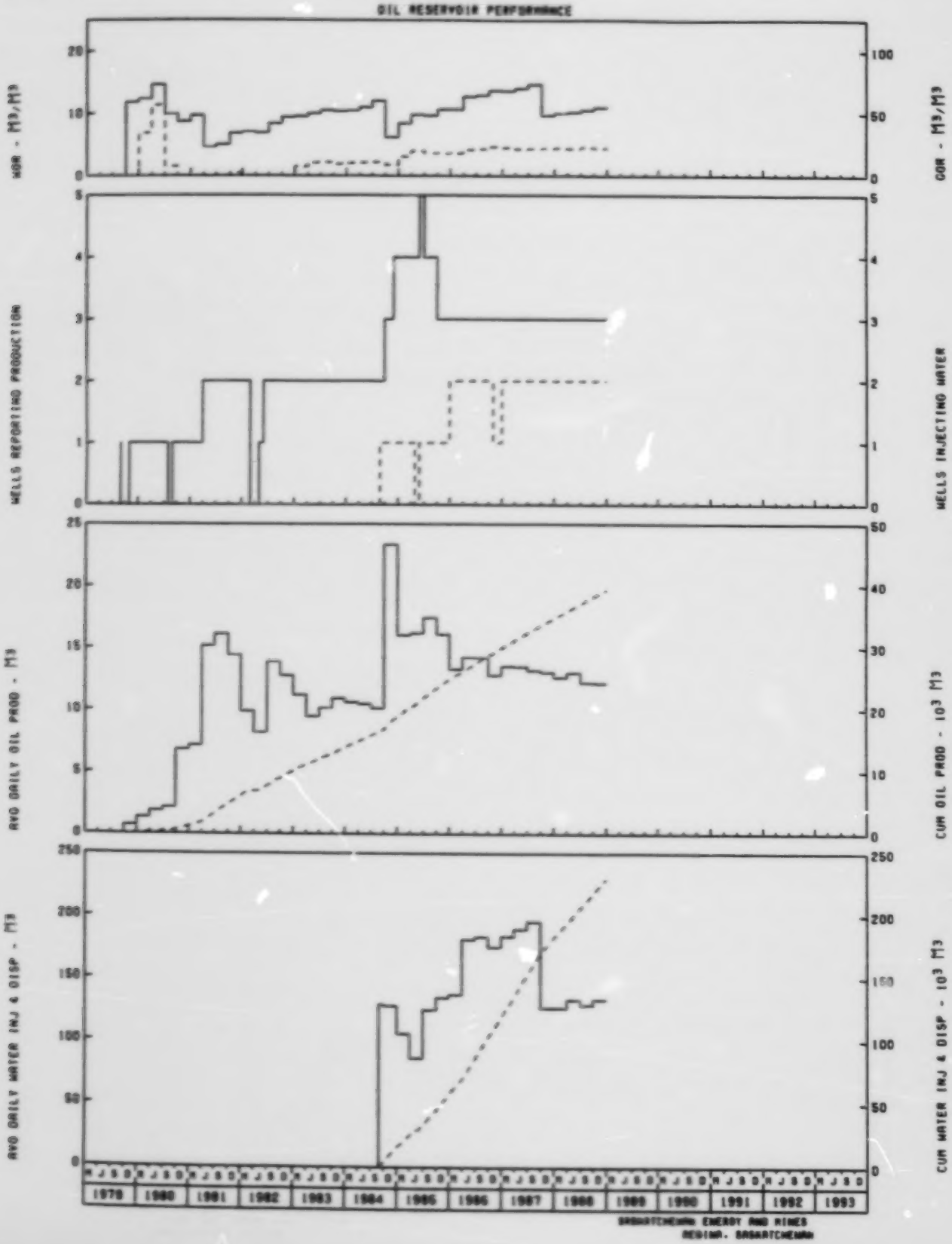


ENERGY AND MINES
REGINA, SASKATCHEWAN

NORTH PREMIER ROSERAY SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

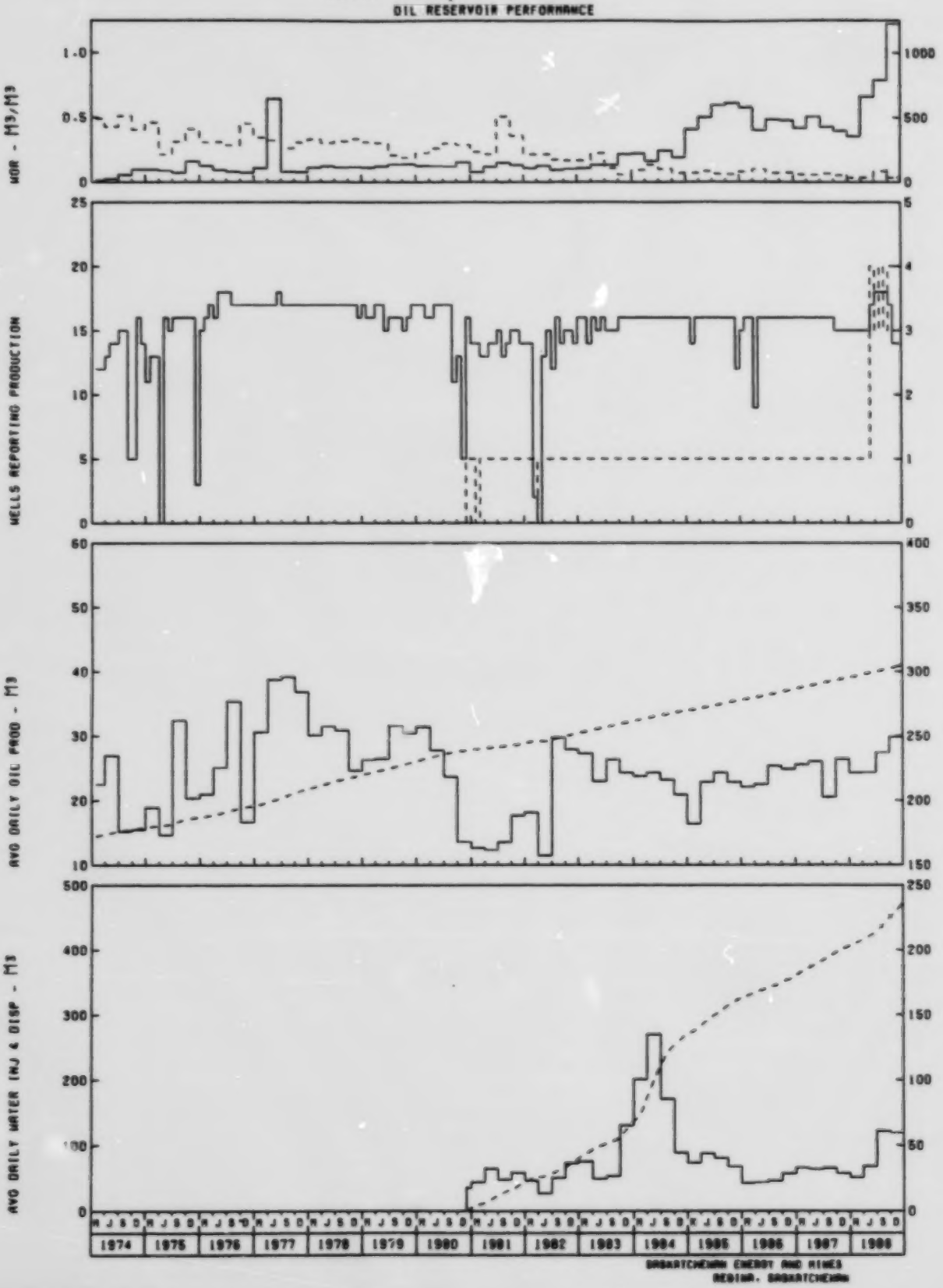


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH PREMIER UPPER SHAUNAVON PL

NORTH PREMIER VOL UNIT 4

OIL RESERVOIR PERFORMANCE



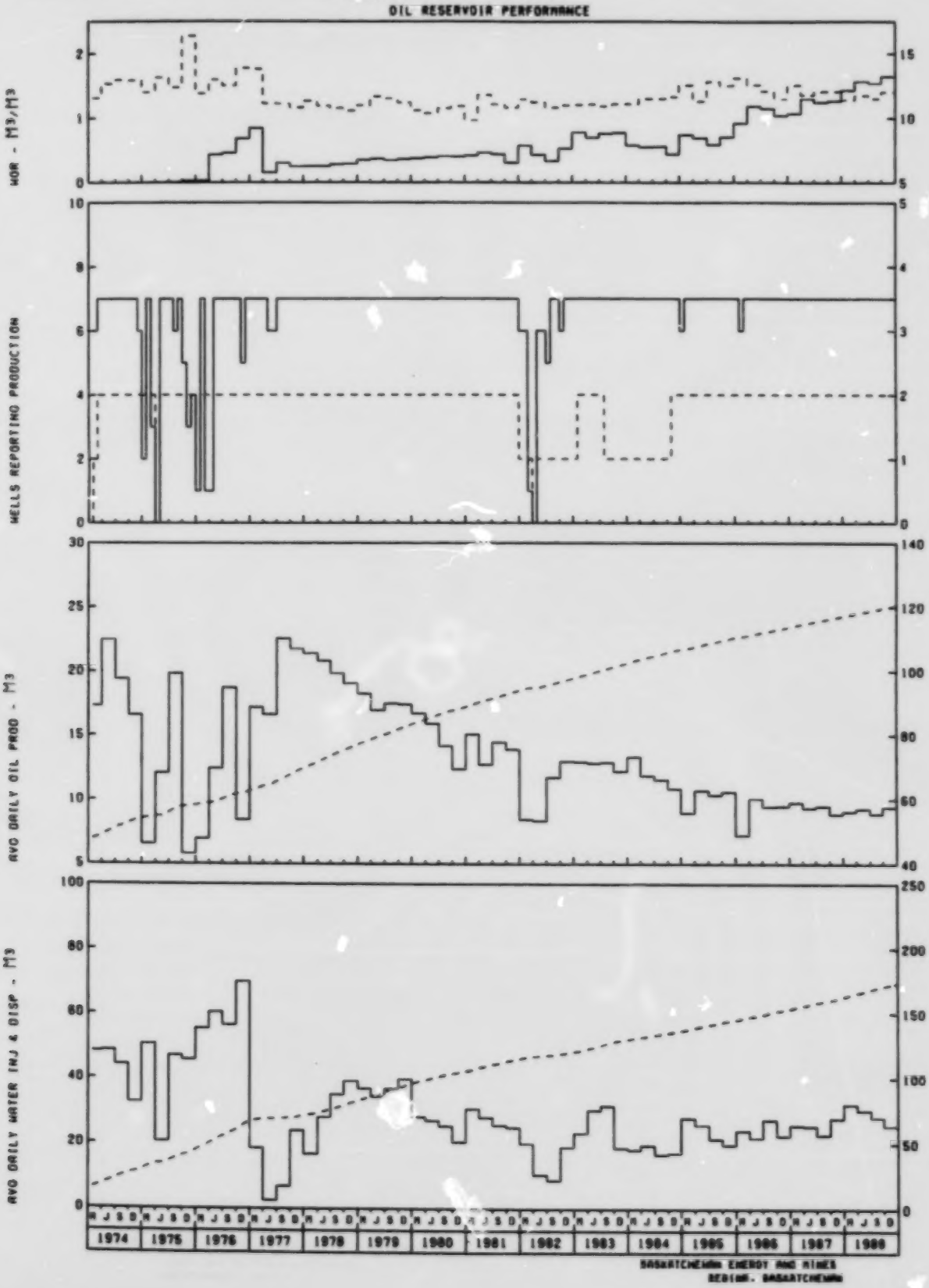
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH PREMIER UPPER SHAUNAVON PL

N PREM U SHAUN VOL UNIT

OIL RESERVOIR PERFORMANCE



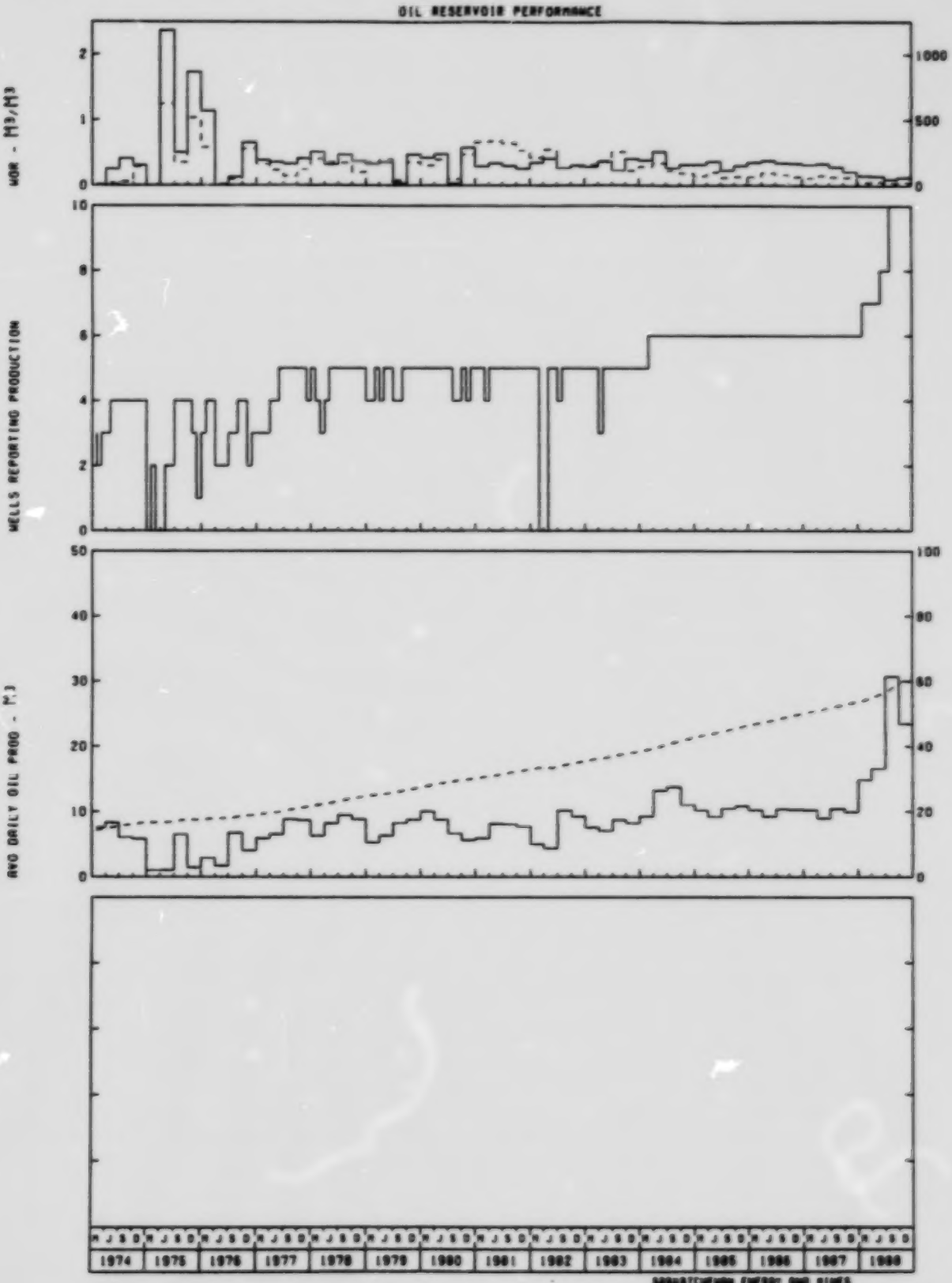
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH PREMIER UPPER SHAUNAVON PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



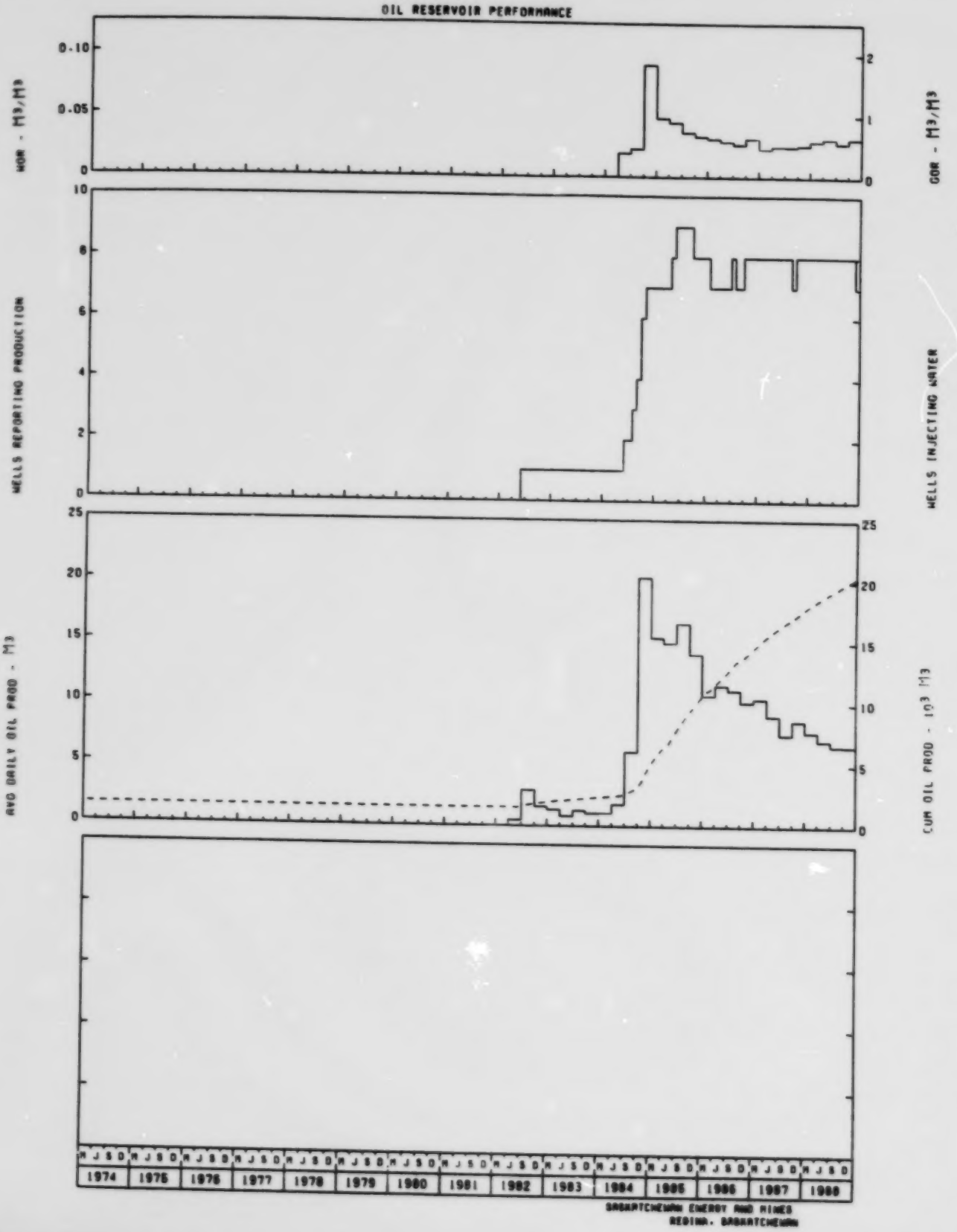
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NOTUKEU UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



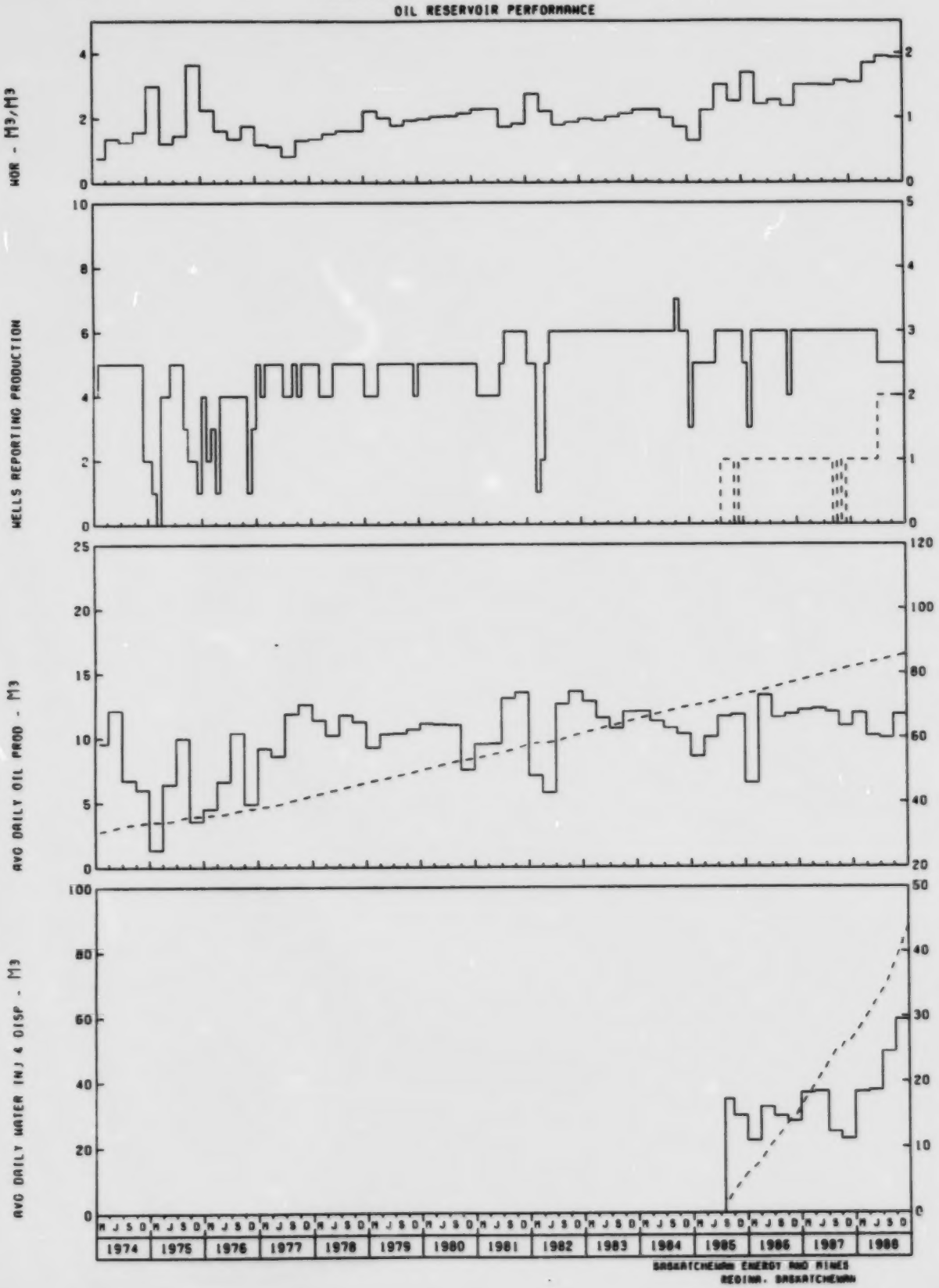
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PENNANT UPPER SHAUNAVON POOL

PENNANT UPPER SHAUN VOL U

OIL RESERVOIR PERFORMANCE



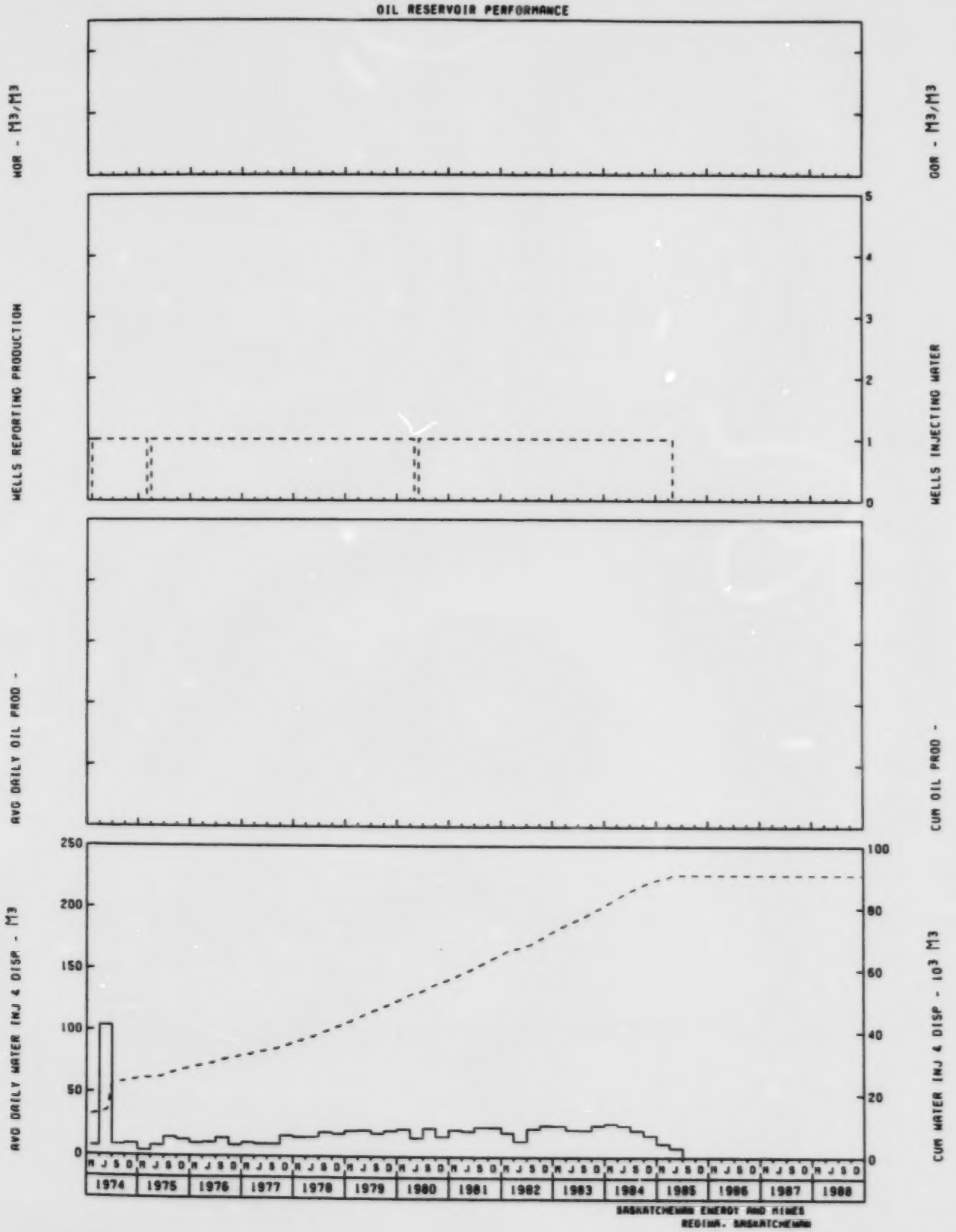
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PENNANT UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



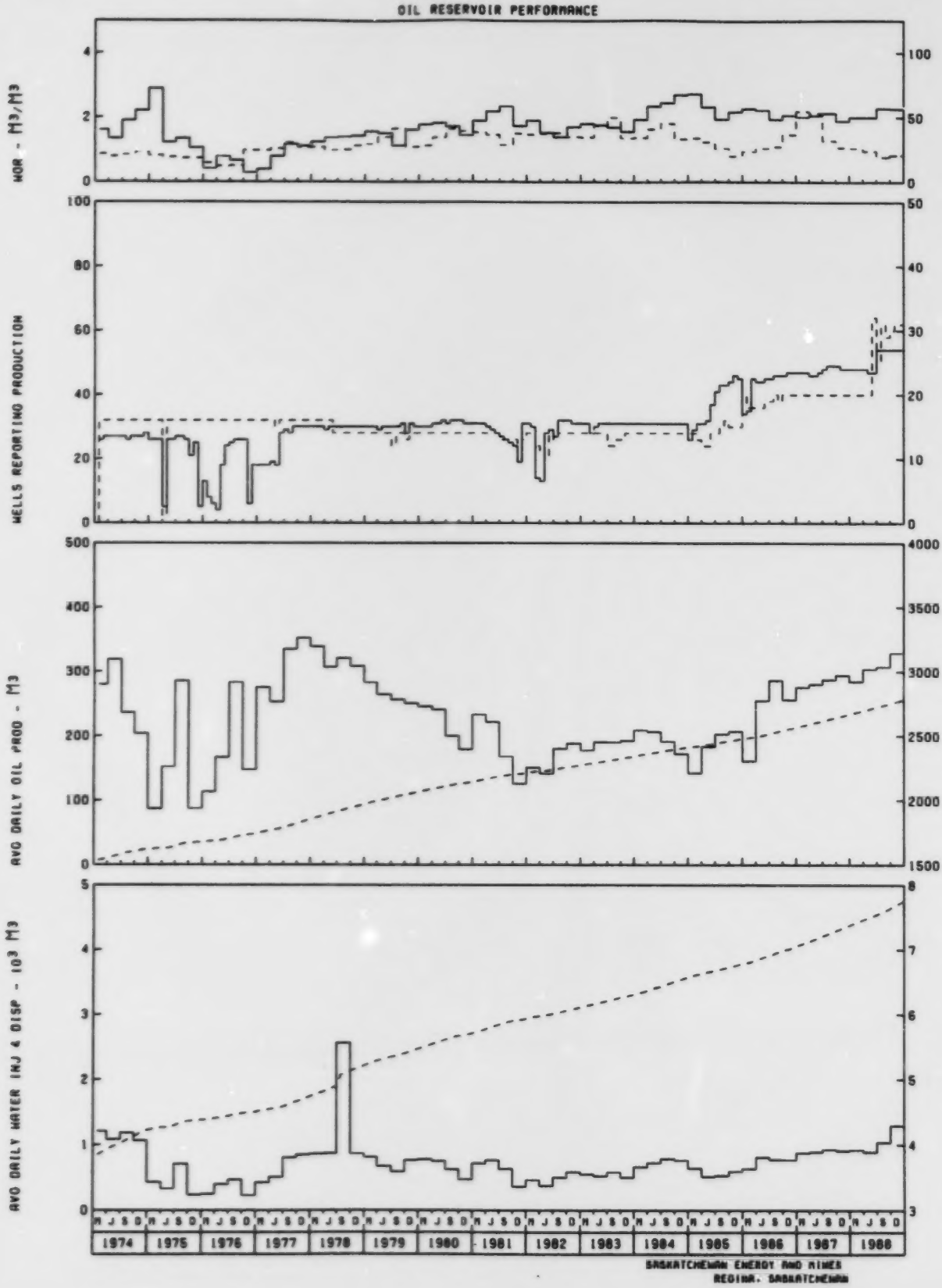
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RAPDAN UPPER SHAUNAVON POOL

RAPDAN UNIT

OIL RESERVOIR PERFORMANCE



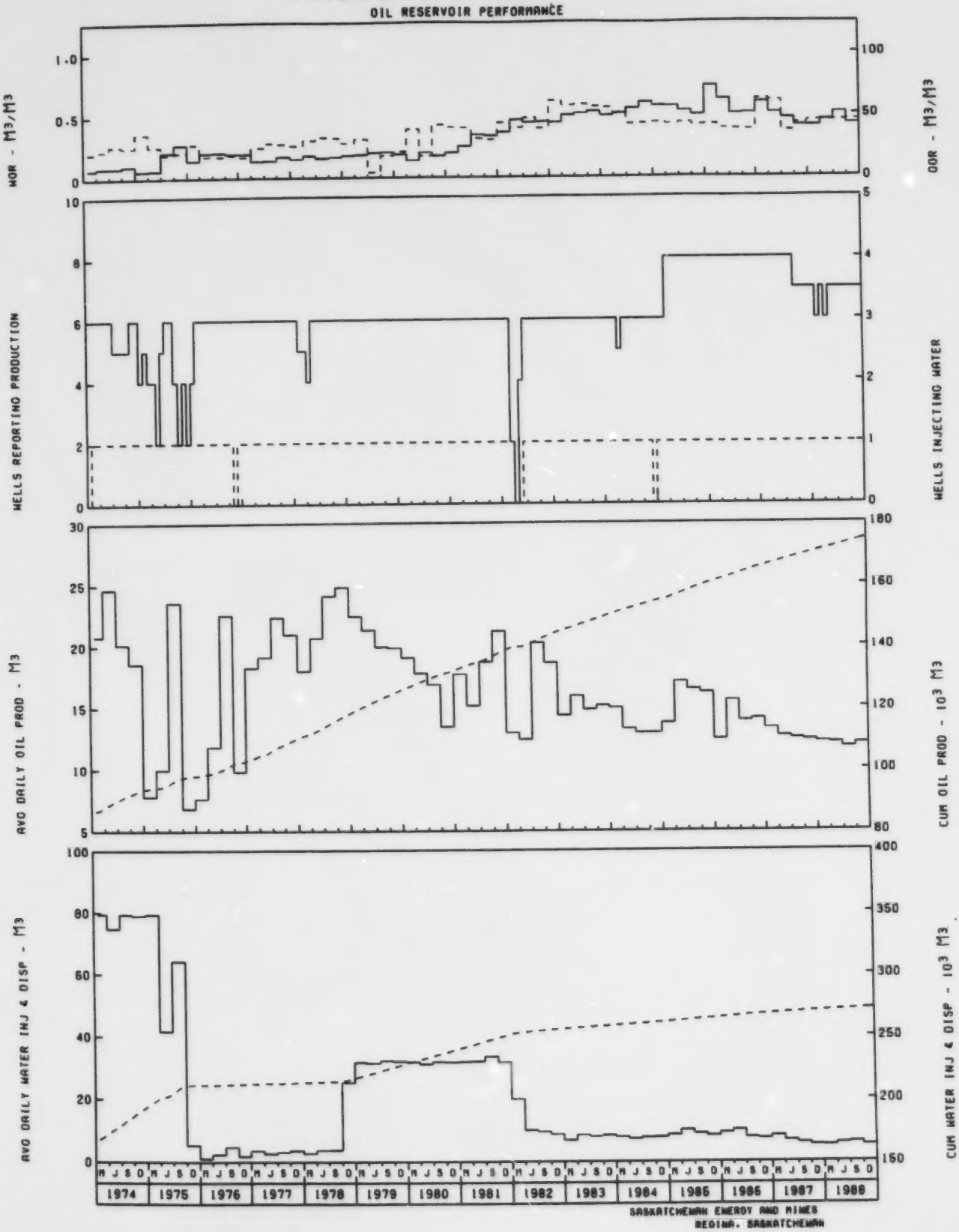
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RAPDAN UPPER SHAUNAVON POOL

N RAPDAN UPP SHAUN VOL UNIT

OIL RESERVOIR PERFORMANCE



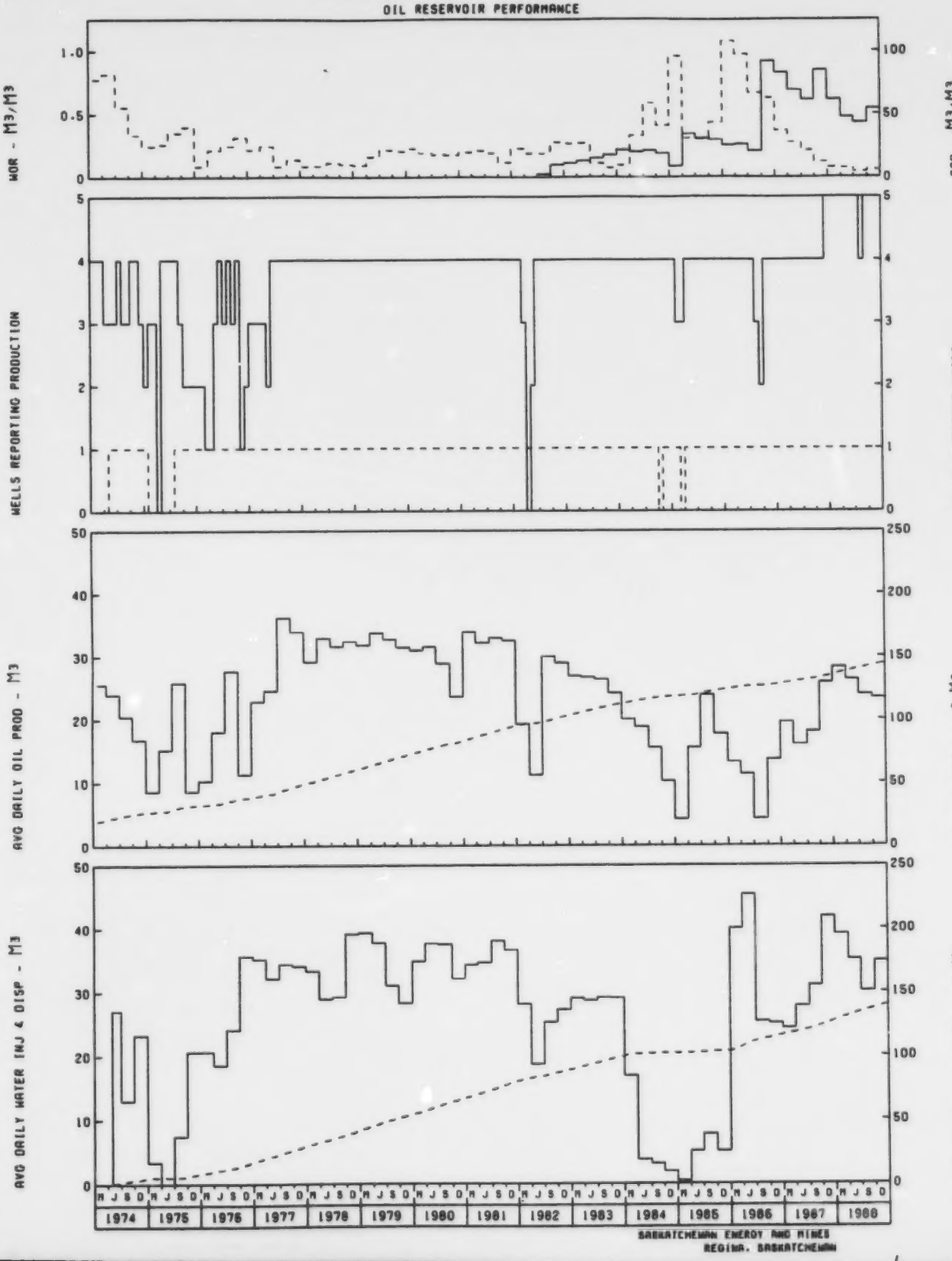
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RAPDAN UPPER SHAUNAVON POOL

RAPDAN U SHAUN VOL UNIT 2

OIL RESERVOIR PERFORMANCE

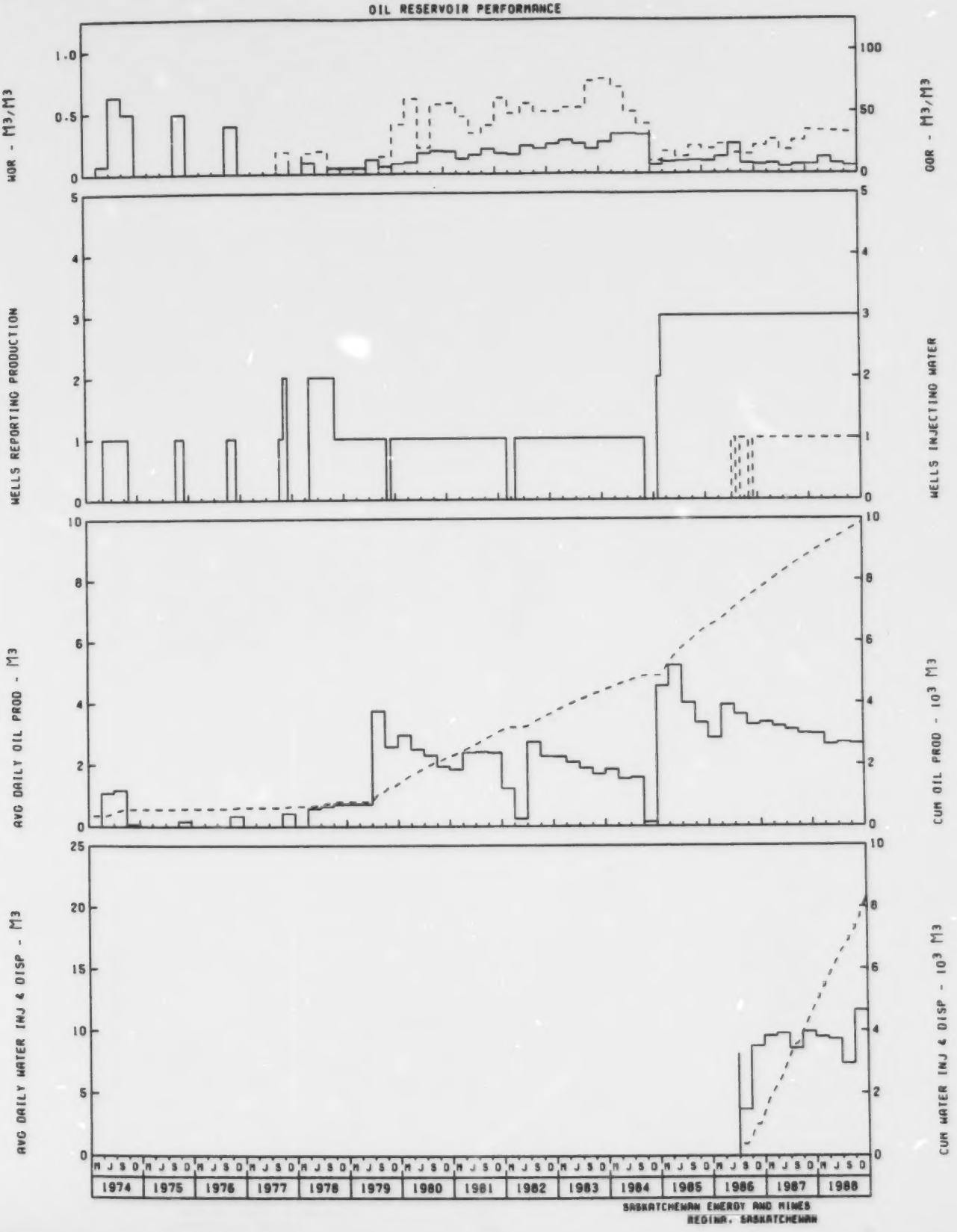


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RAPDAN UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



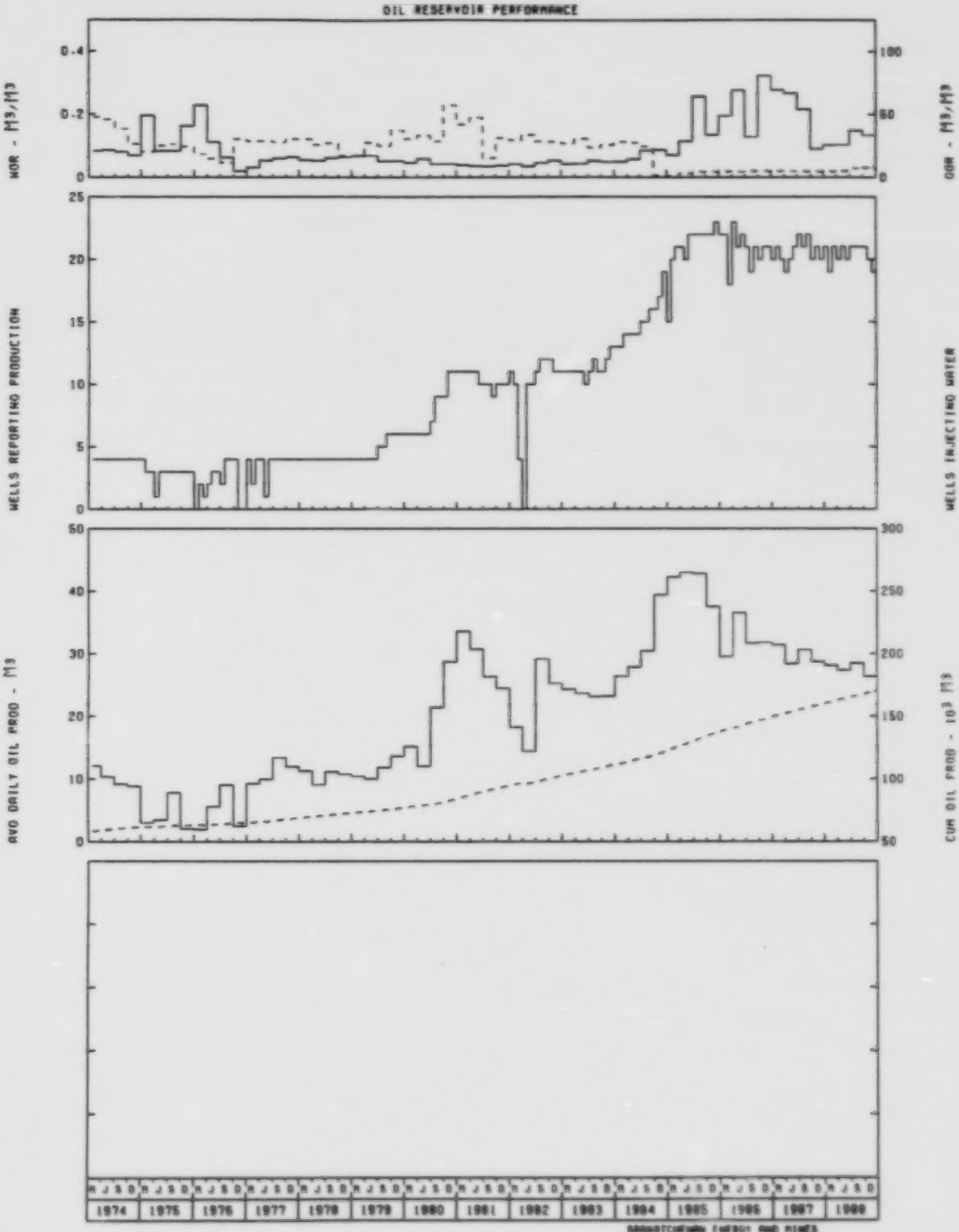
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RAPDAN WEST SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

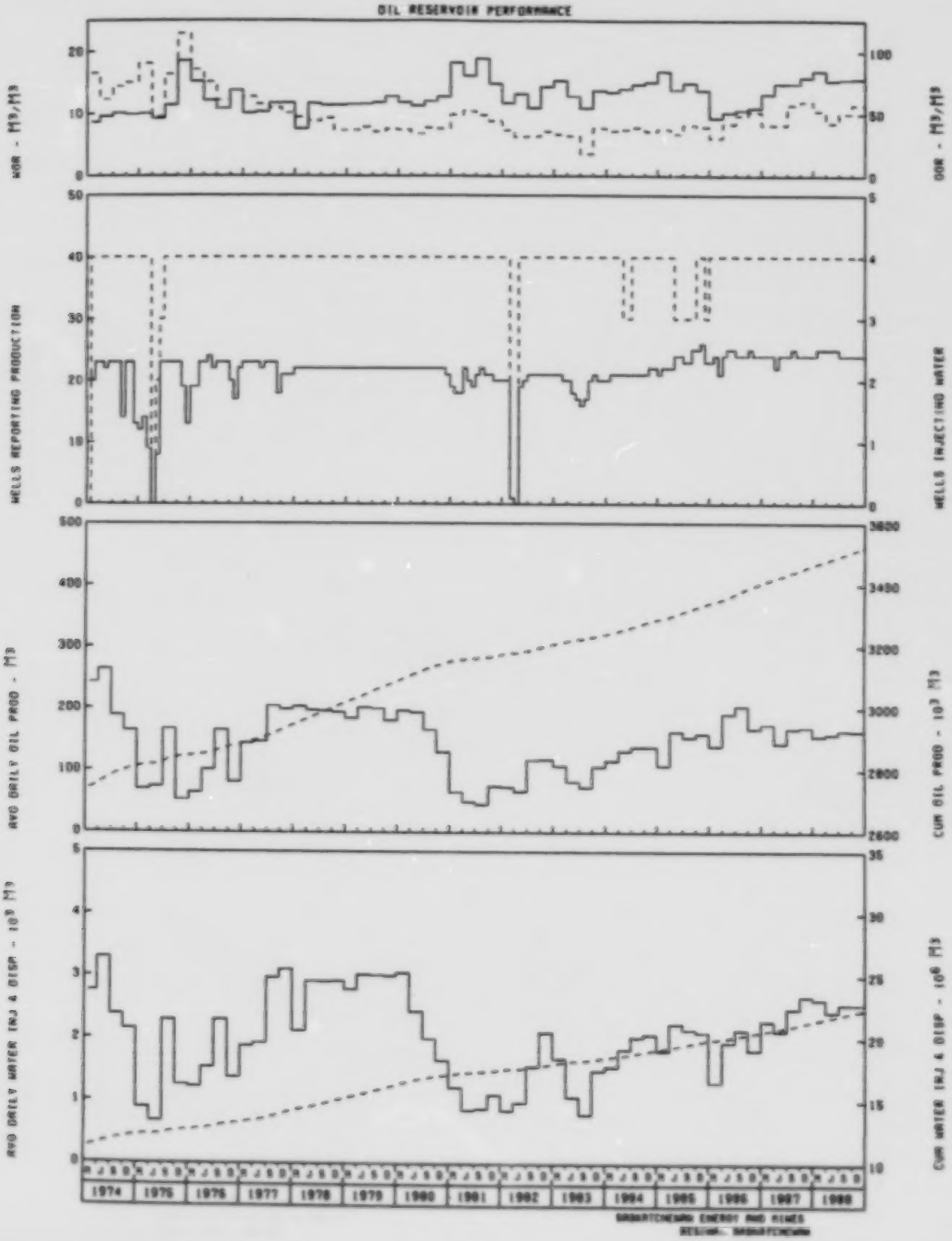


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

SOUTH SUCCESS ROSERAY SAND POOL

SUCCESS UNIT

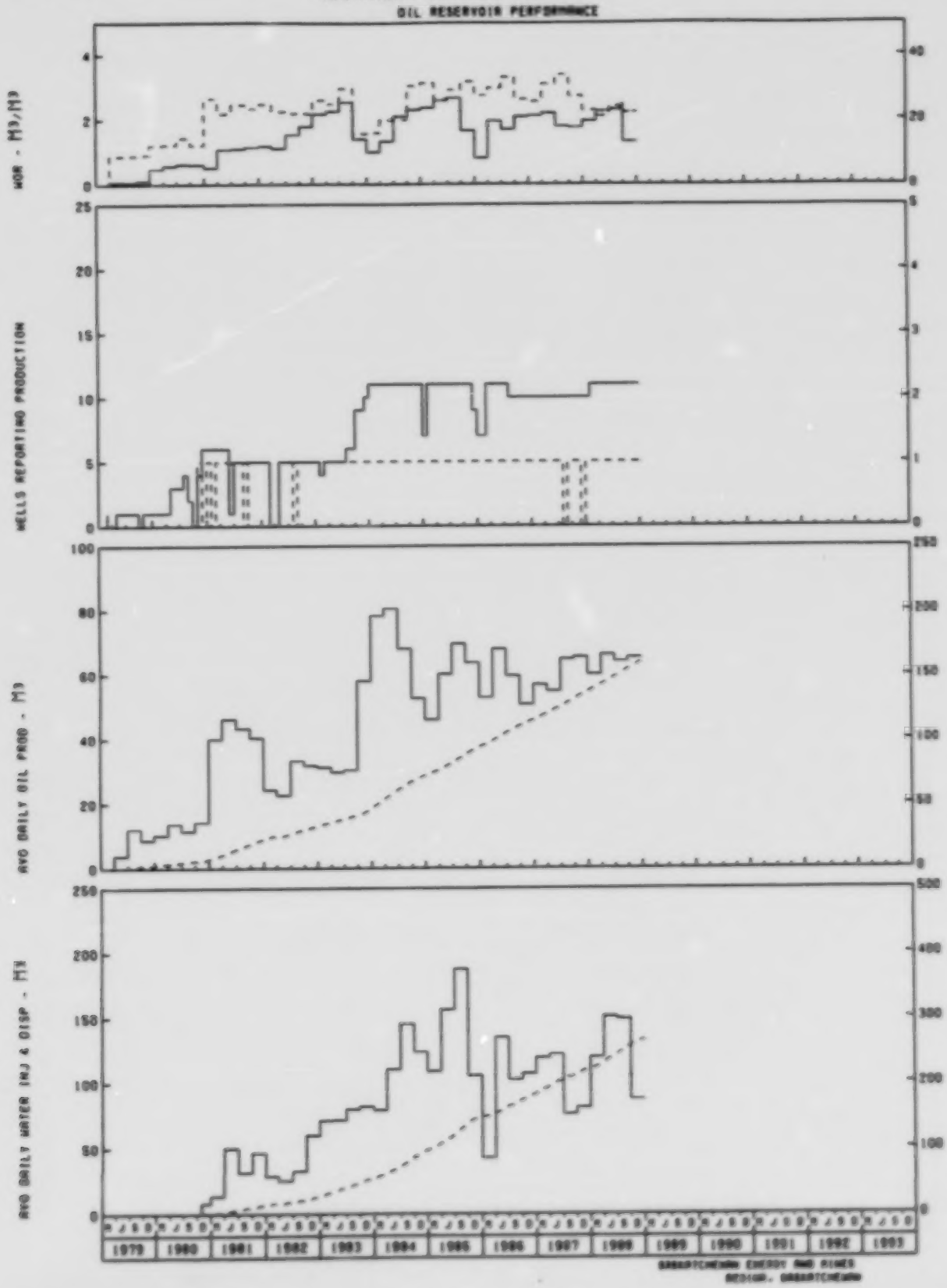
OIL RESERVOIR PERFORMANCE



SOUTH SUCCESS ROSERAY SAND POOL

SOUTHWEST SUCCESS VOL UNIT

OIL RESERVOIR PERFORMANCE

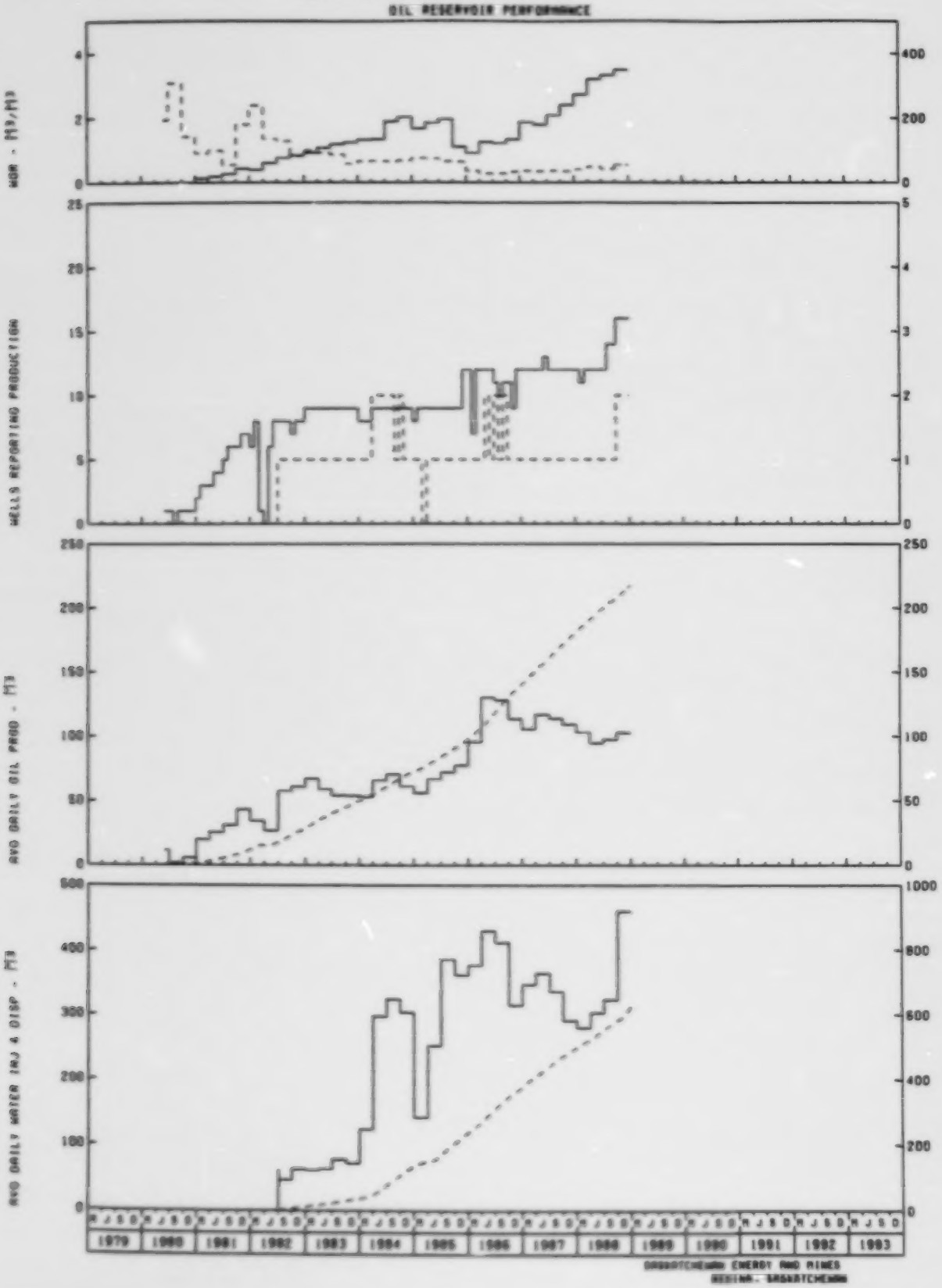


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUCCESS NORTH ROSERAY SAND POOL

SUCCESS NO ROSERAY VOL UNIT

OIL RESERVOIR PERFORMANCE



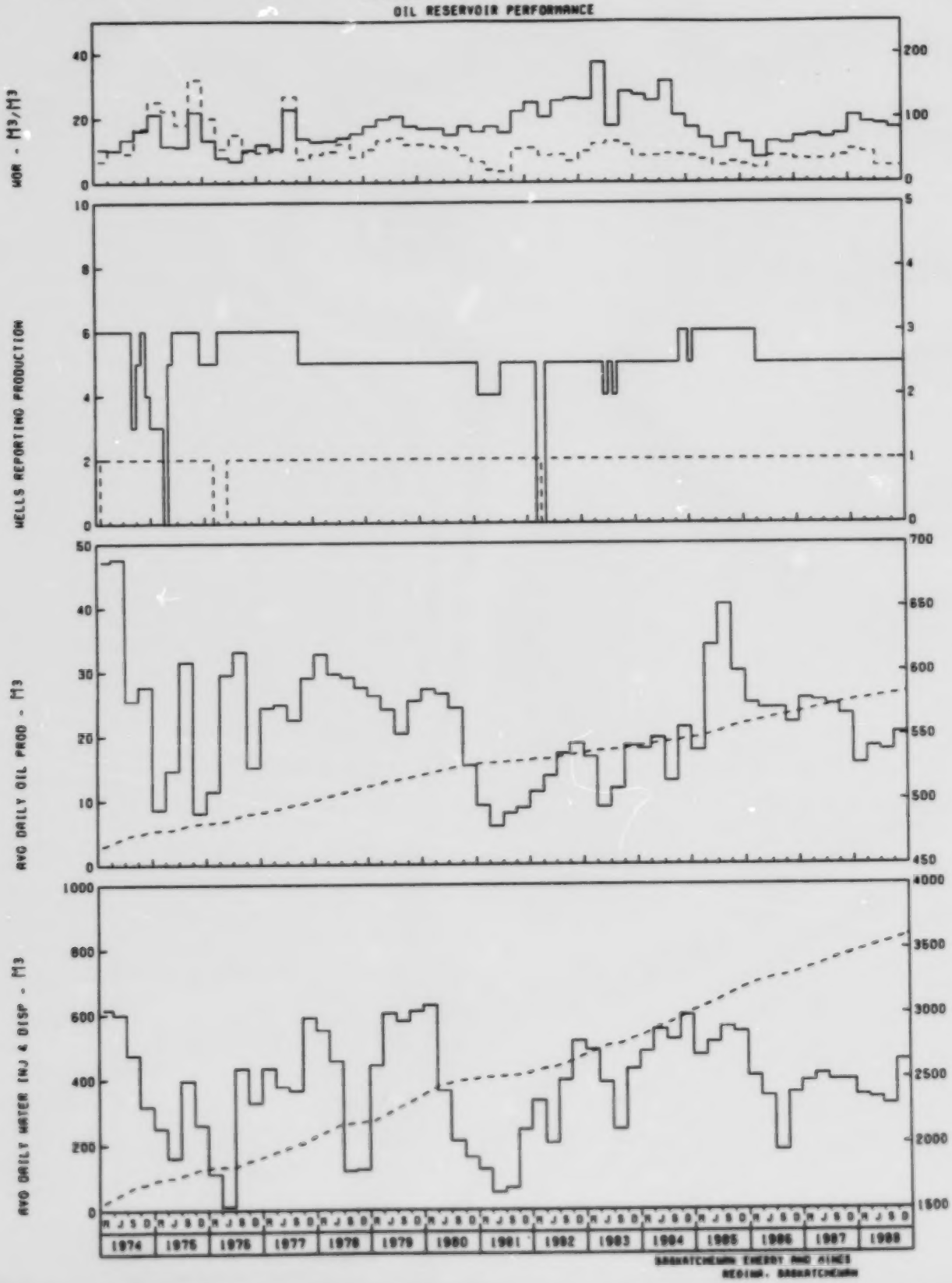
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUCCESS ROSERAY SAND ALPHA POOL

SUCCESS ALPHA UNIT

OIL RESERVOIR PERFORMANCE



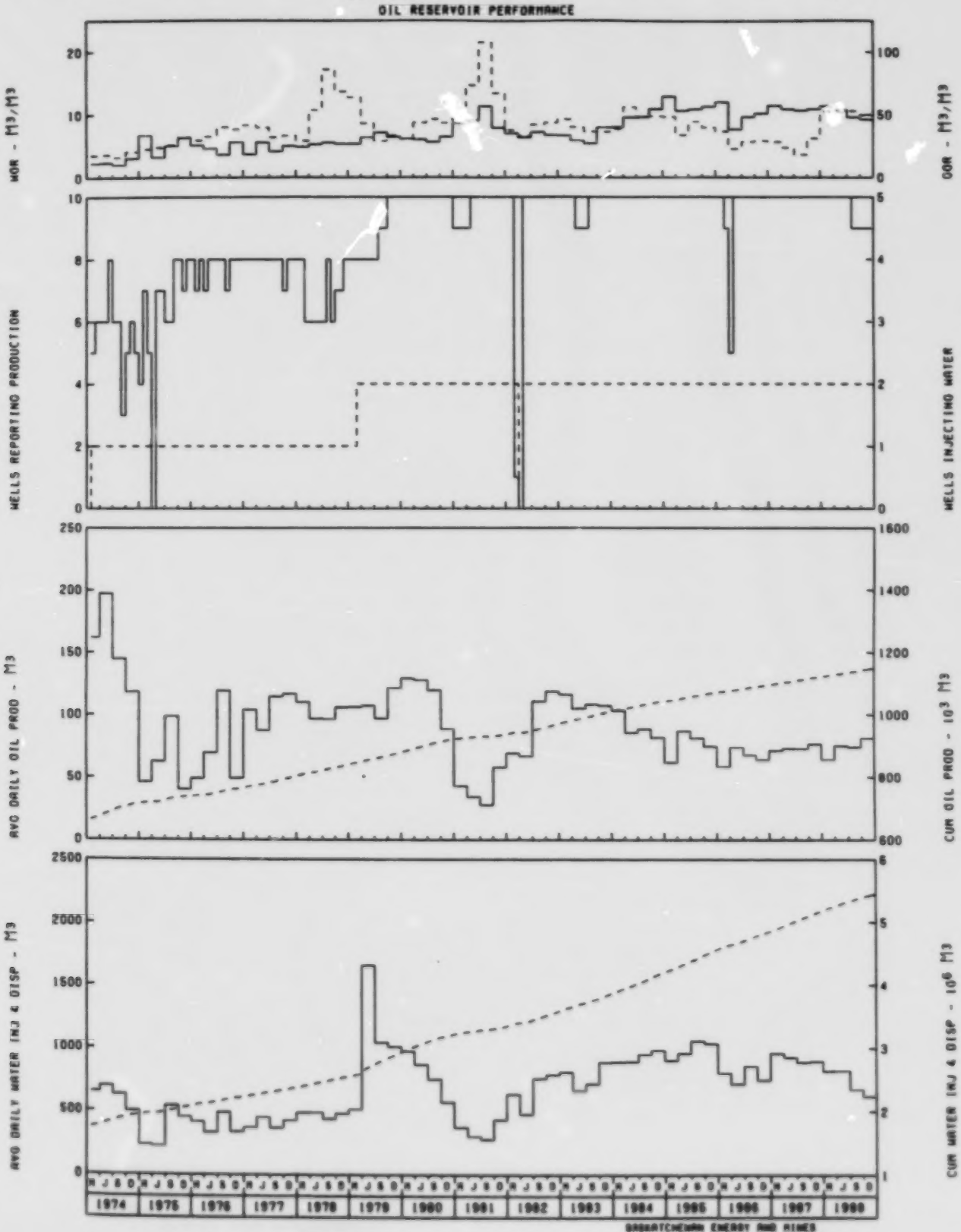
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUFFIELD ROSERAY SAND POOL

SUFFIELD UNIT NO 1

OIL RESERVOIR PERFORMANCE



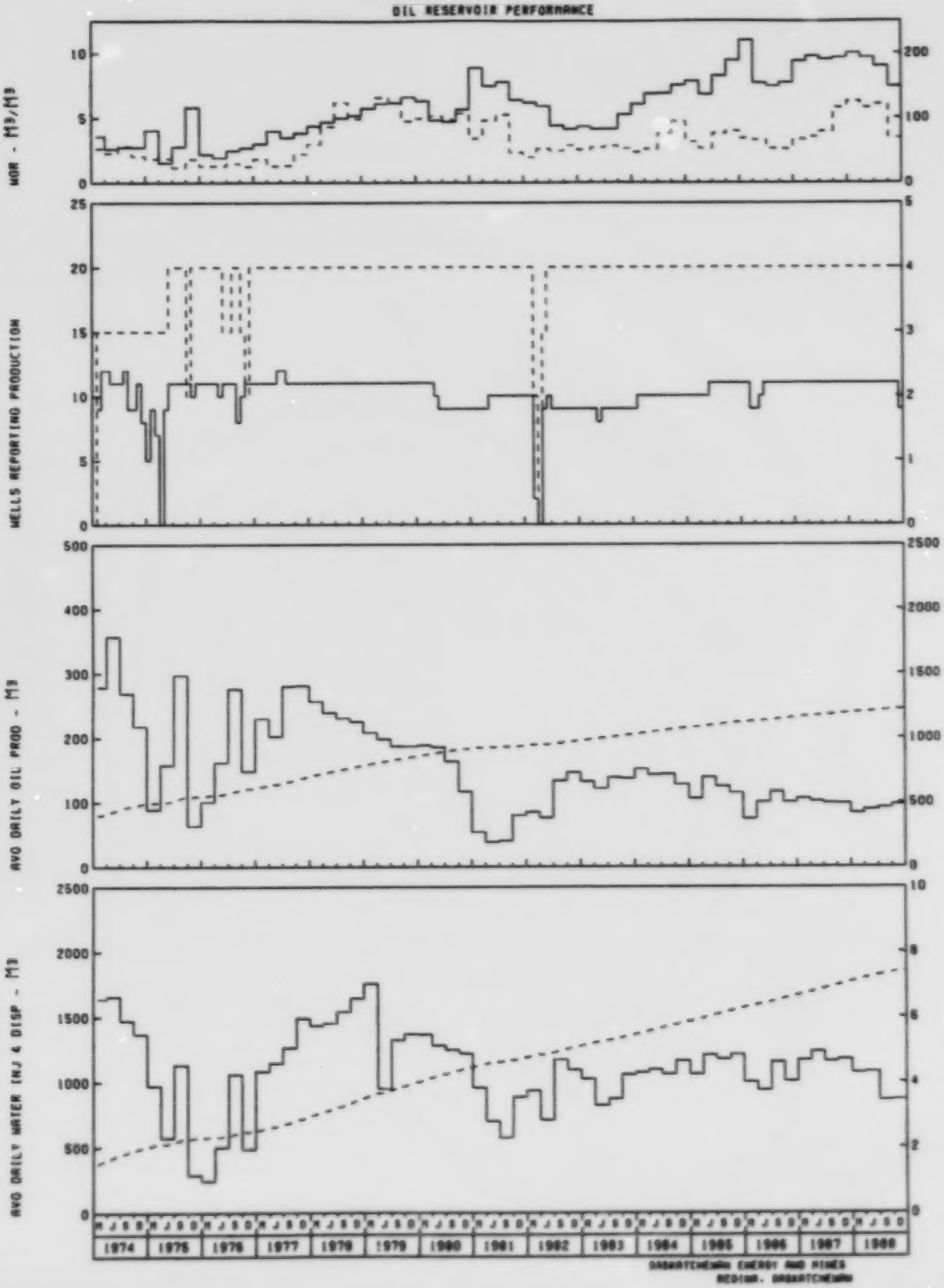
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUFFIELD ROSERAY SAND POOL

SUFFIELD UNIT NO 3

OIL RESERVOIR PERFORMANCE

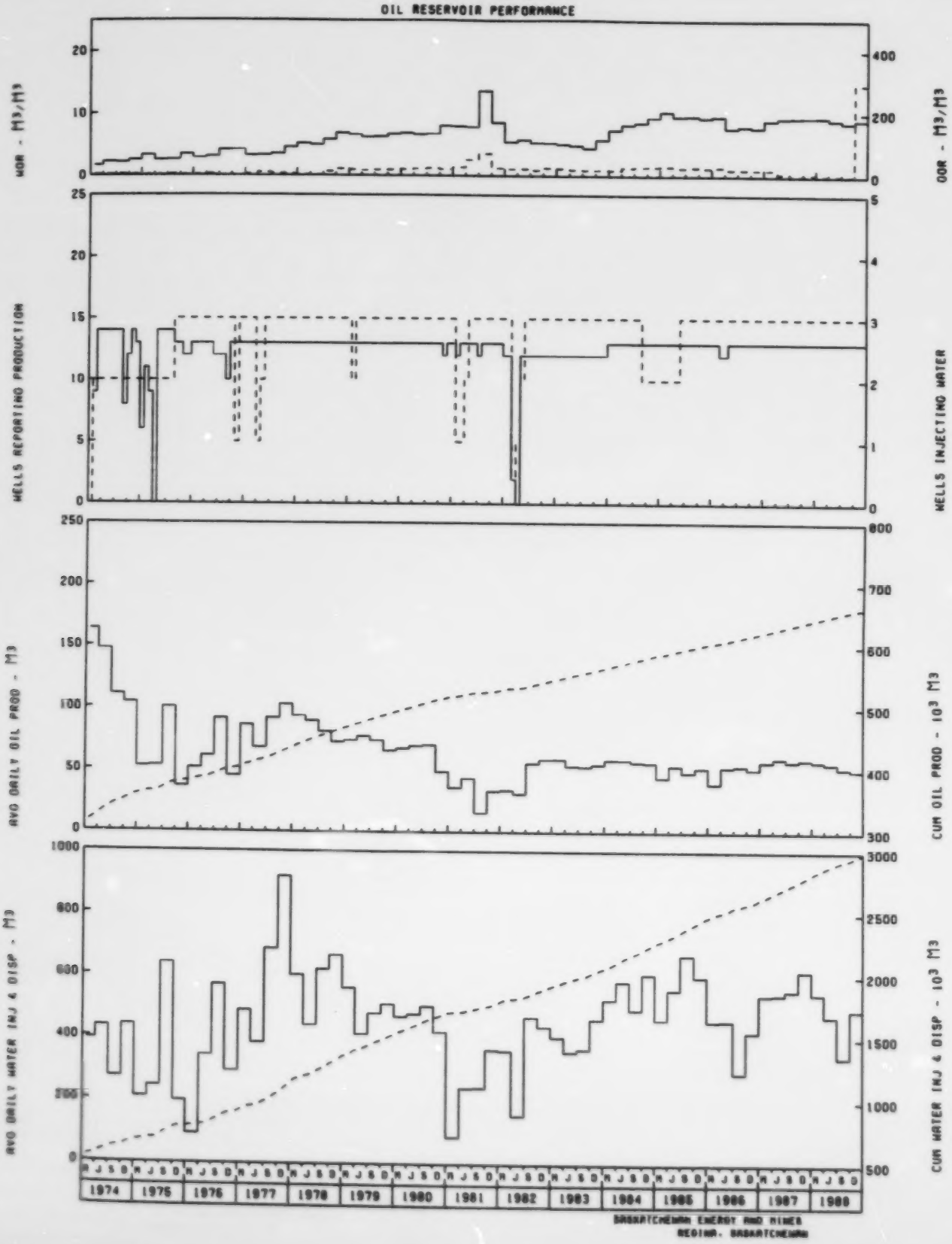


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUFFIELD UPPER SHAUNAVON POOL

SUFFIELD UNIT NO 2

OIL RESERVOIR PERFORMANCE



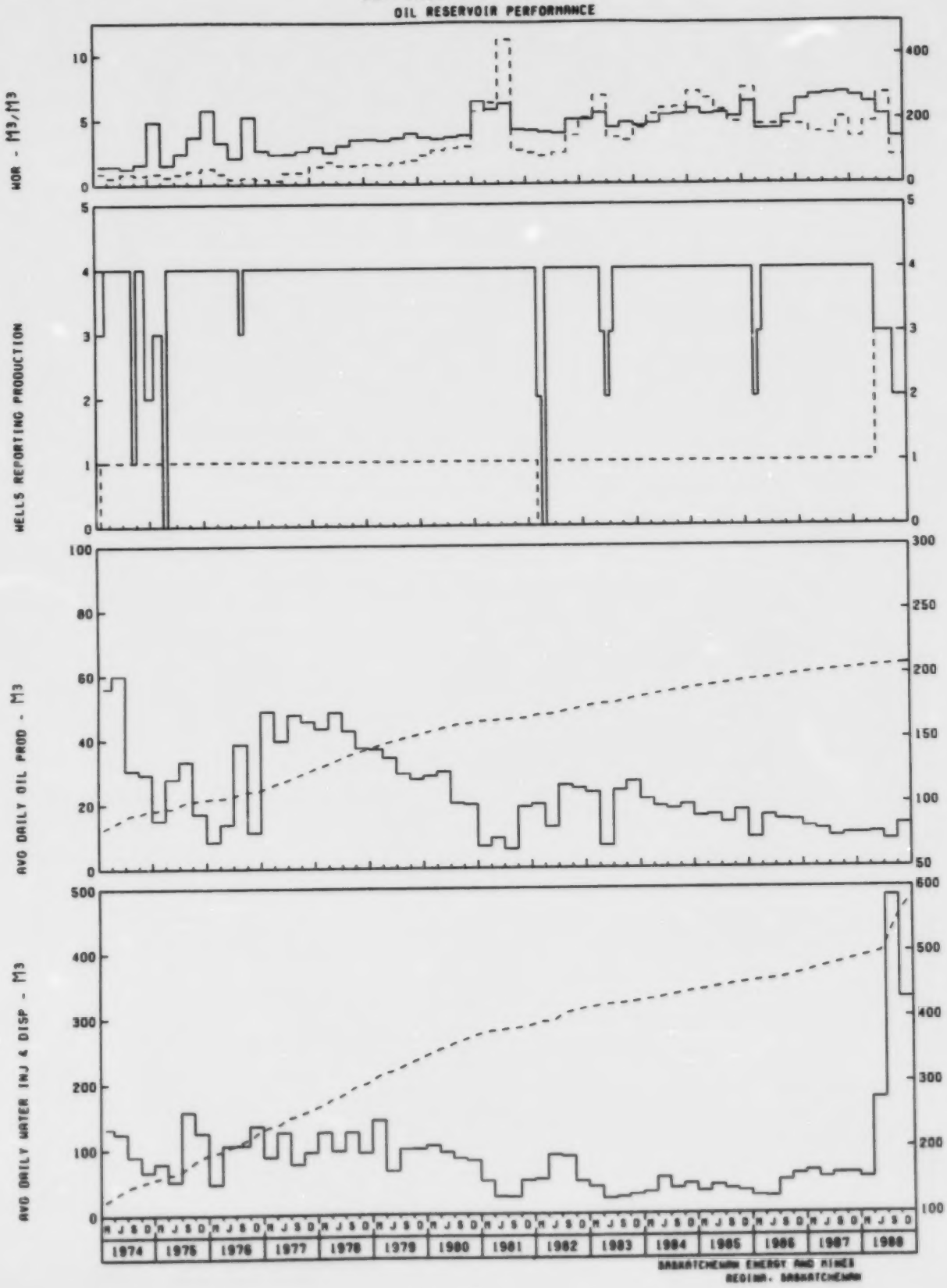
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUFFIELD UPPER SHAUNAVON POOL

SUFFIELD UNIT NO 3

OIL RESERVOIR PERFORMANCE



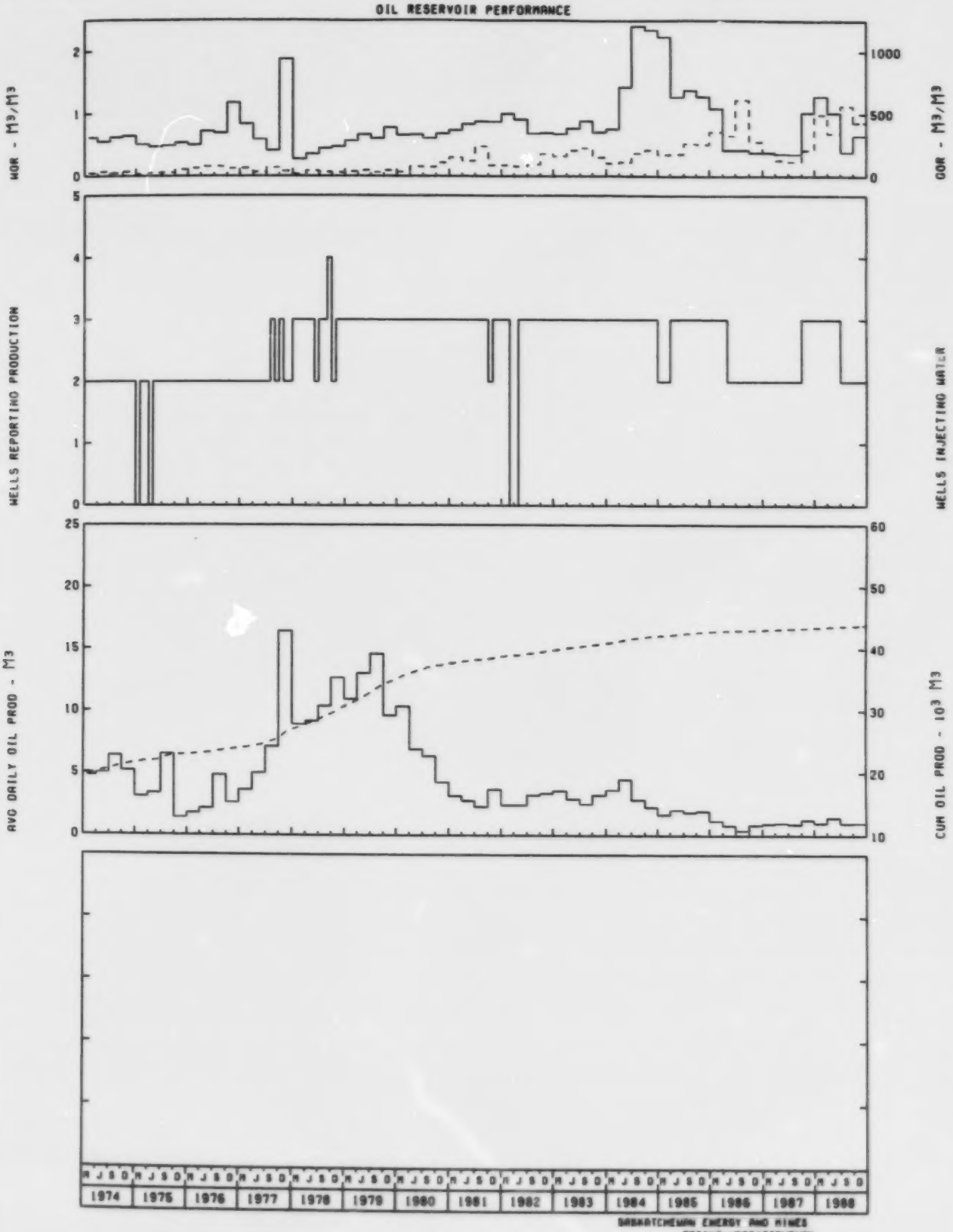
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SUFFIELD UPPER SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



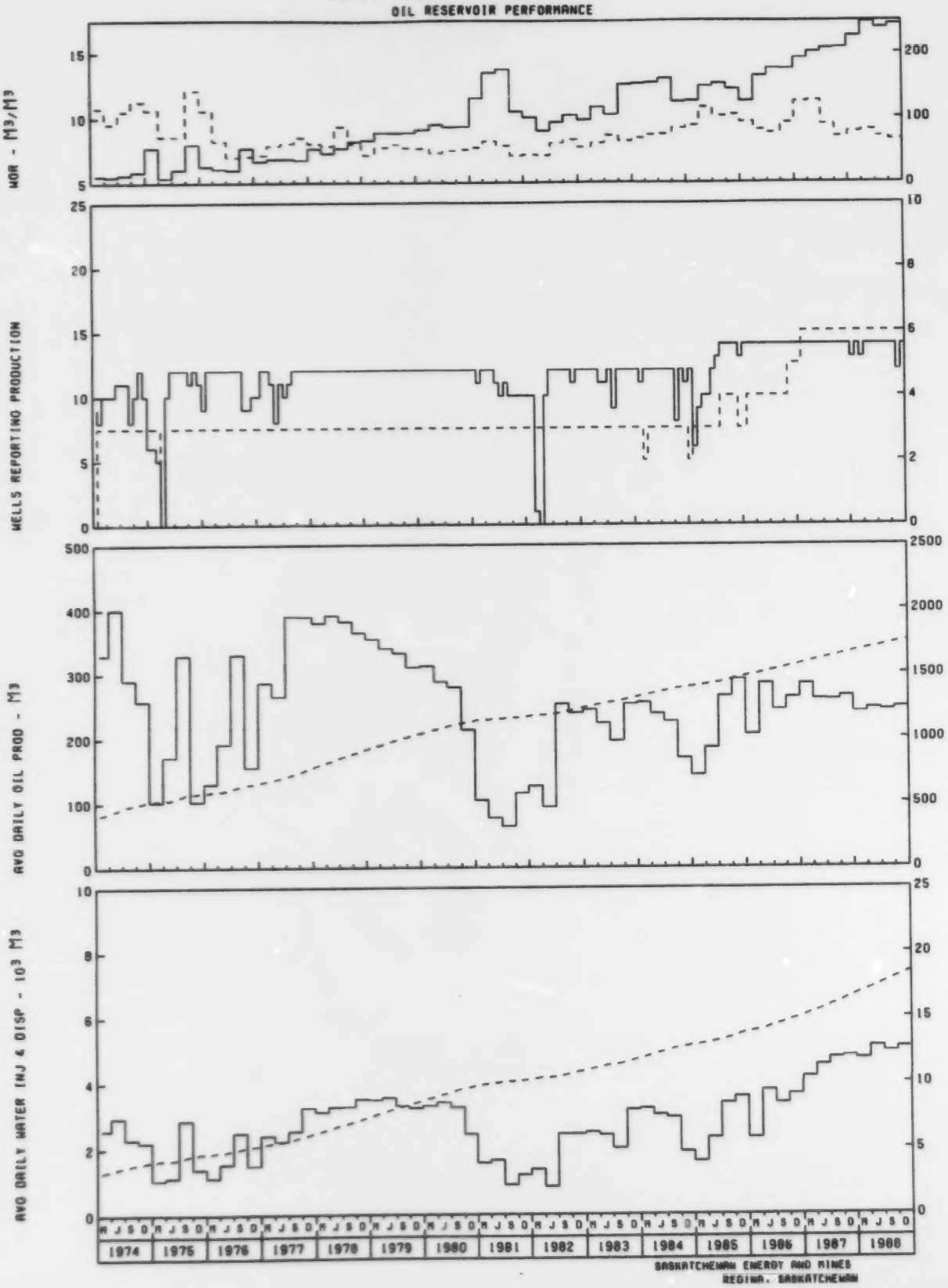
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

VERLO ROSERAY SAND POOL

VERLO ROSERAY SAND UNIT

OIL RESERVOIR PERFORMANCE



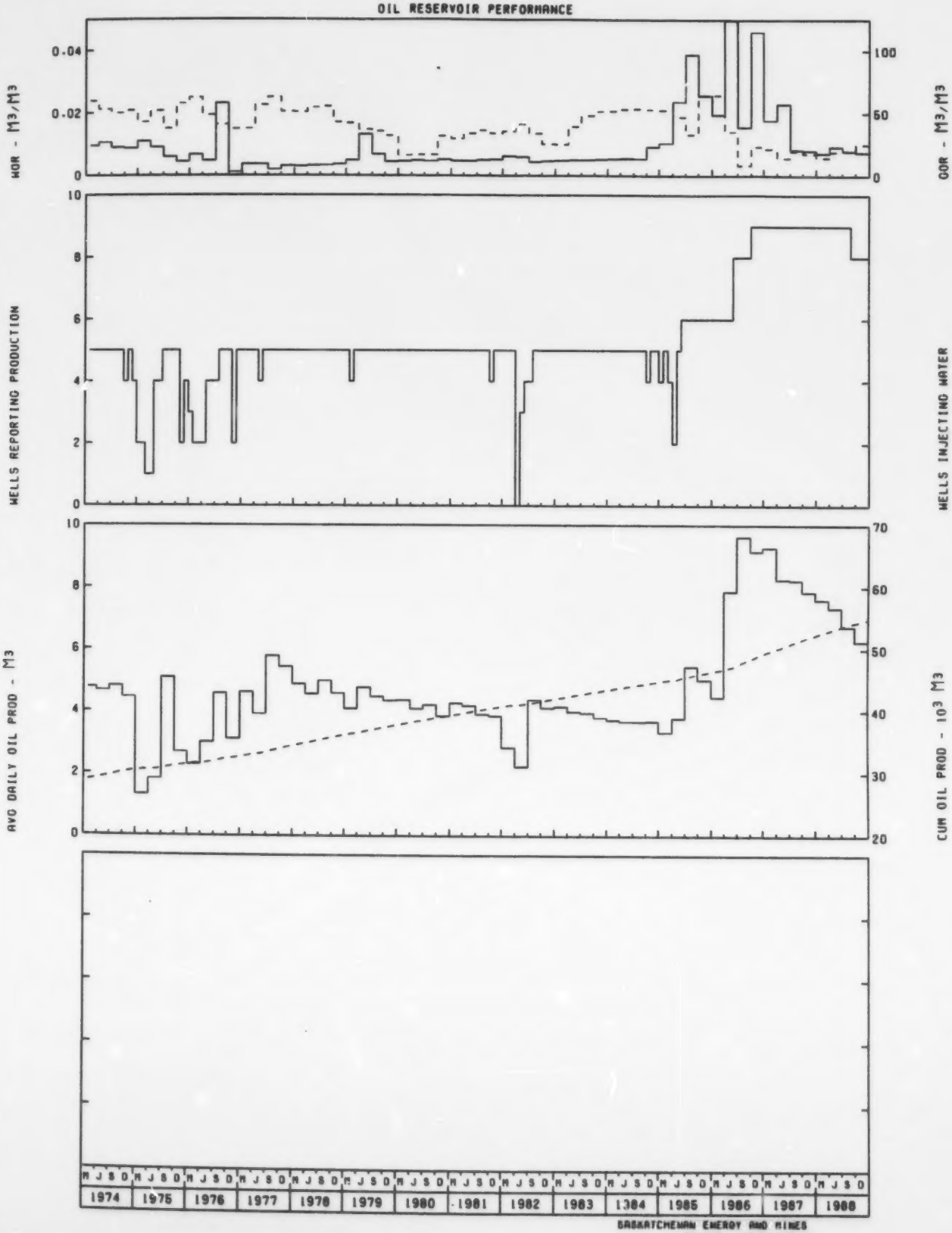
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WHITEMUD SHAUNAVON POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

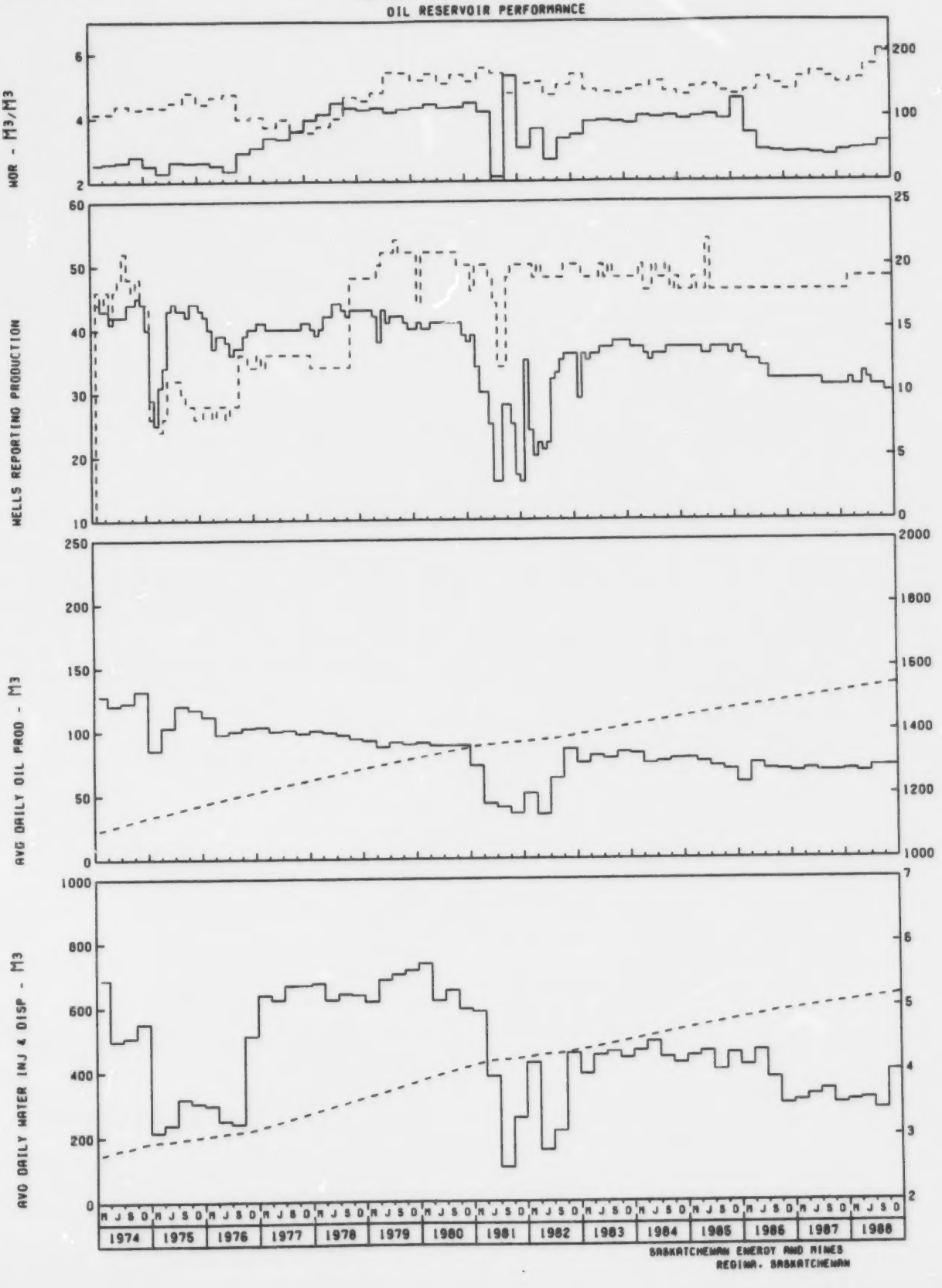


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ALAMEDA MIDALE BEDS POOL

ALAMEDA EAST UNIT

OIL RESERVOIR PERFORMANCE



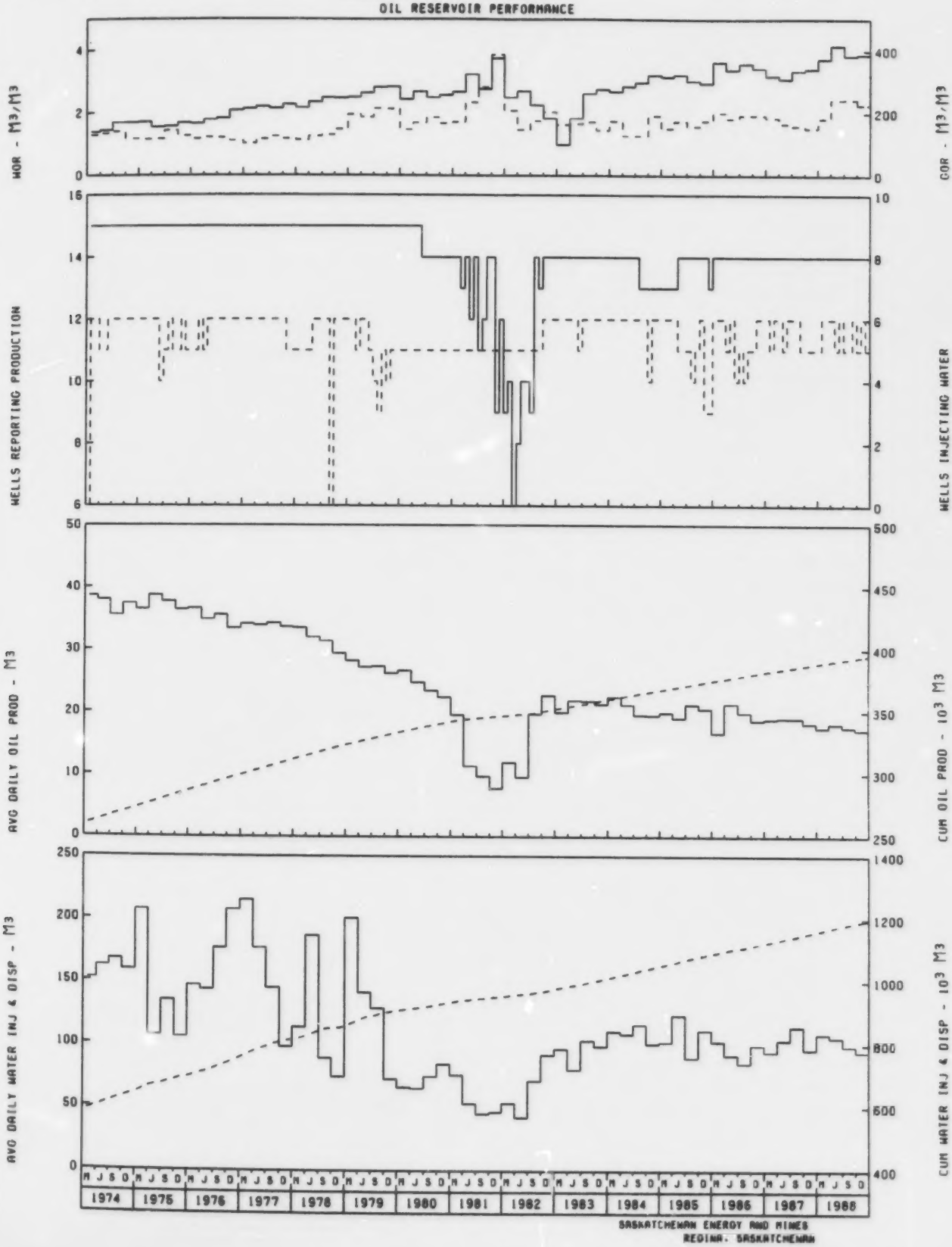
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ALAMEDA MIDALE BEDS POOL

ALAMEDA CENTRAL UNIT

OIL RESERVOIR PERFORMANCE



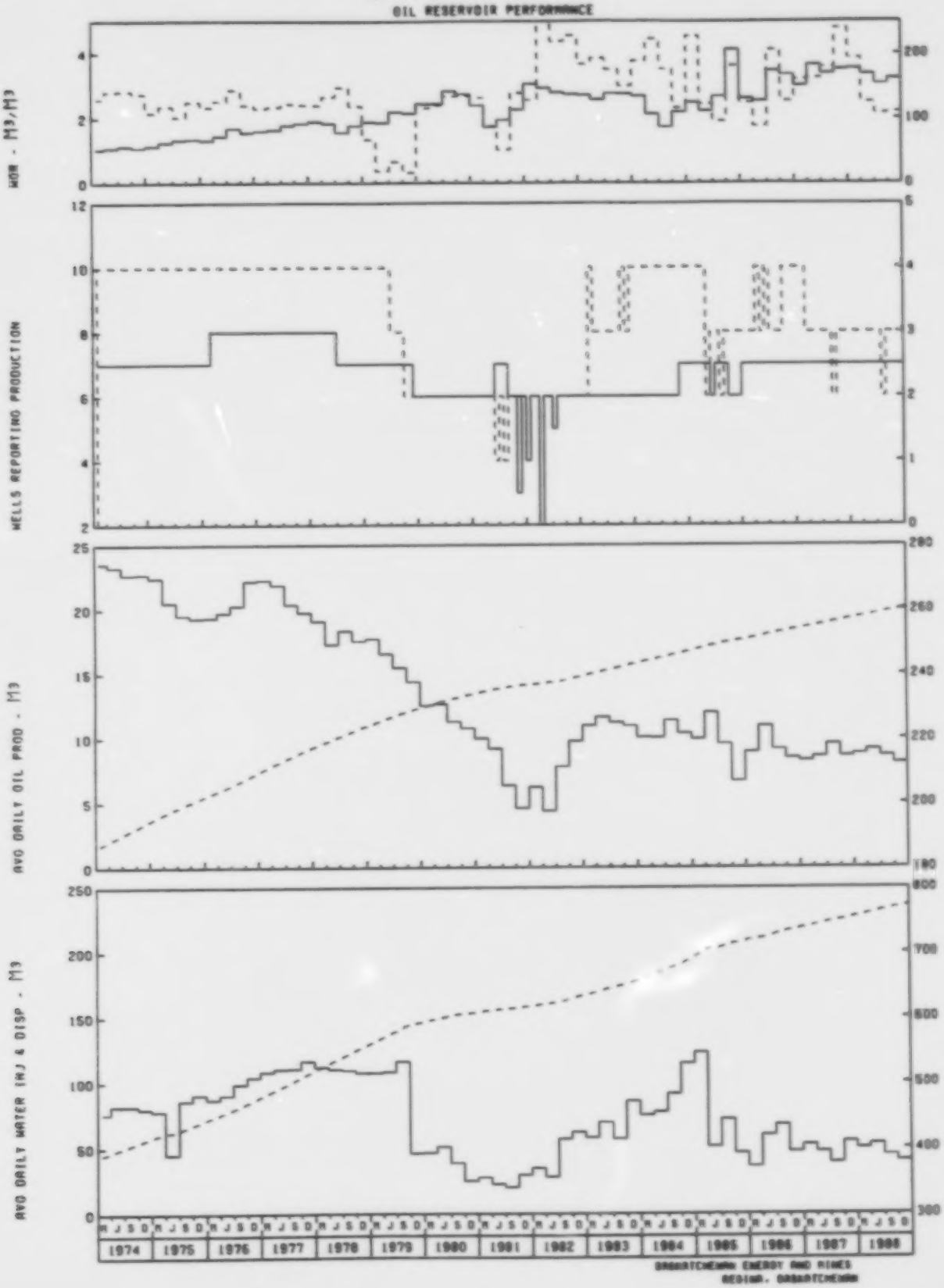
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ALAMEDA MIDALE BEDS POOL

NORTH ALAMEDA UNIT

OIL RESERVOIR PERFORMANCE

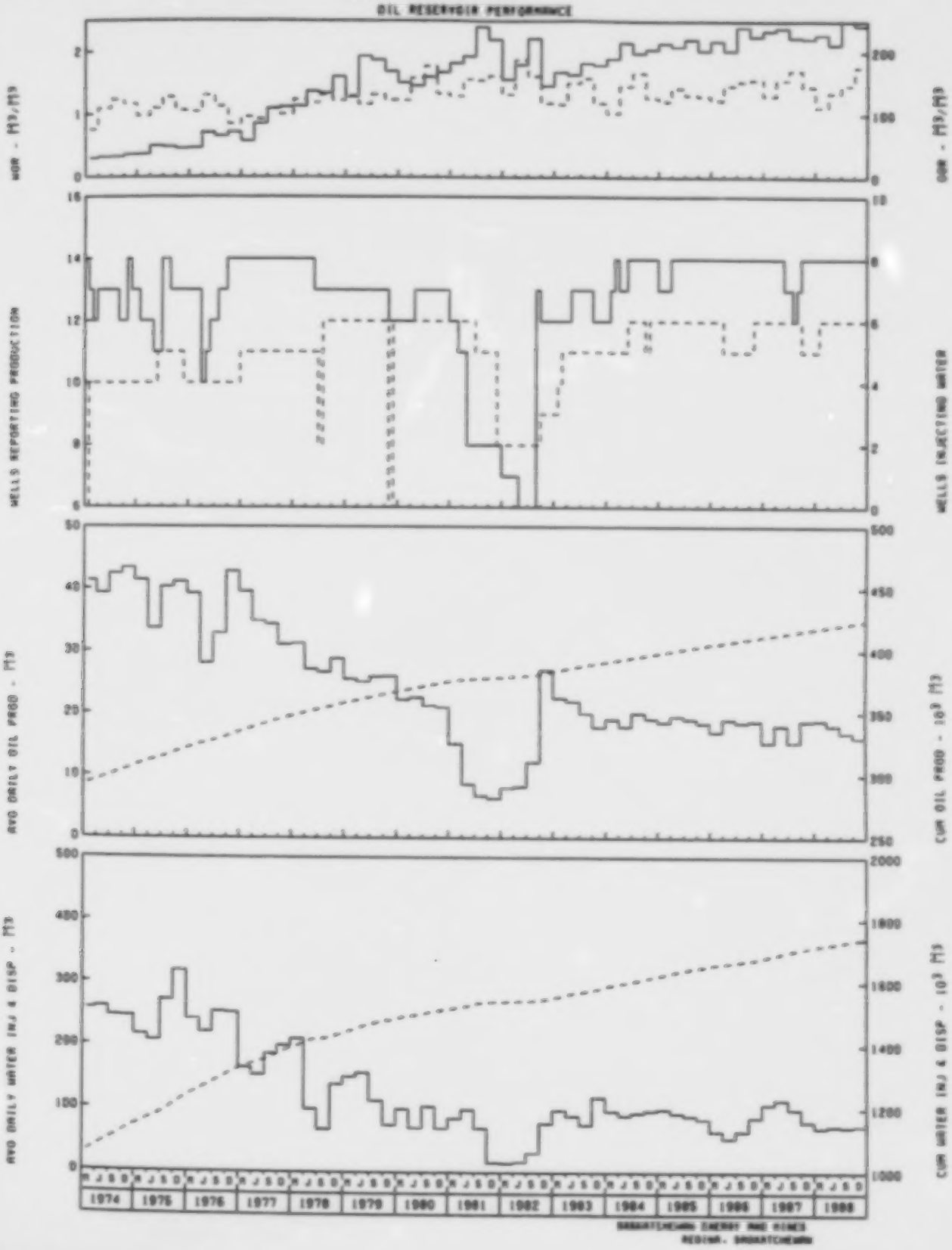


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ALAMEDA MIDALE BEDS POOL

SOUTH ALAMEDA UNIT

OIL RESERVOIR PERFORMANCE

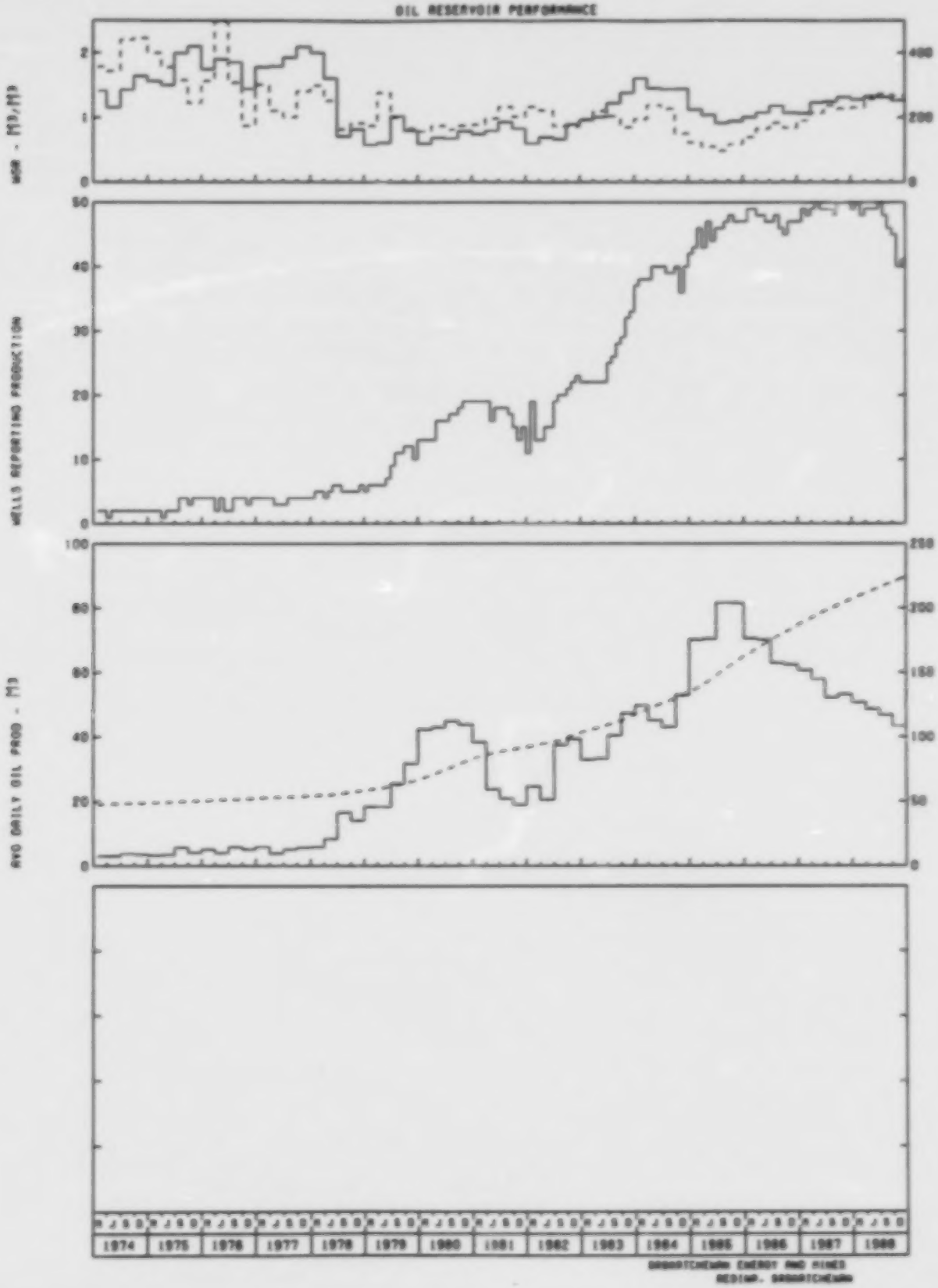


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ALAMEDA MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

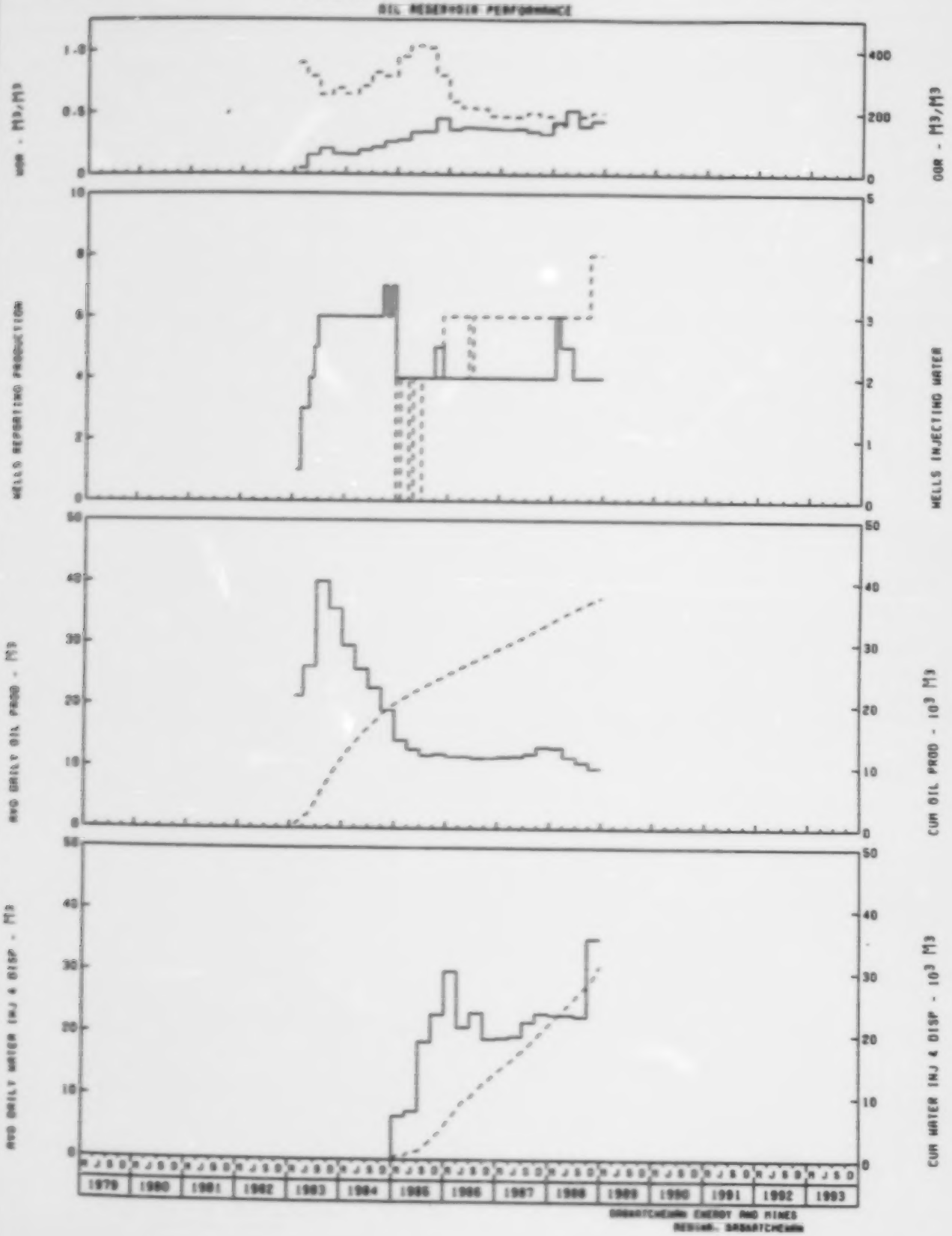


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ALAMEDA WEST MIDALE BEDS POOL

ALAMEDA W MIDALE VOL UNIT 1

OIL RESERVOIR PERFORMANCE



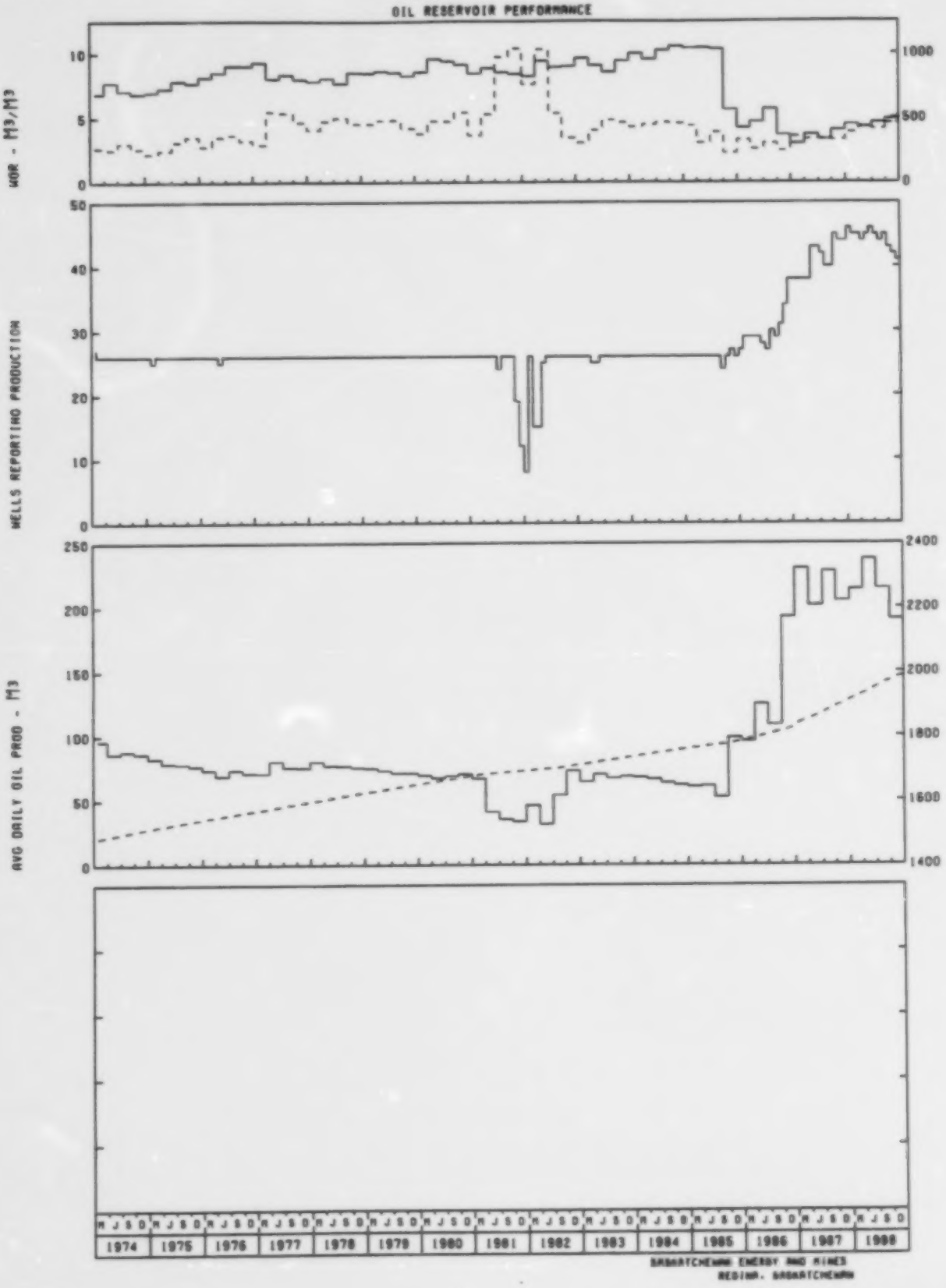
ENERGY AND MINES

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ALIDA EAST FROB ALIDA BEDS POOL

ALIDA UNIT

OIL RESERVOIR PERFORMANCE

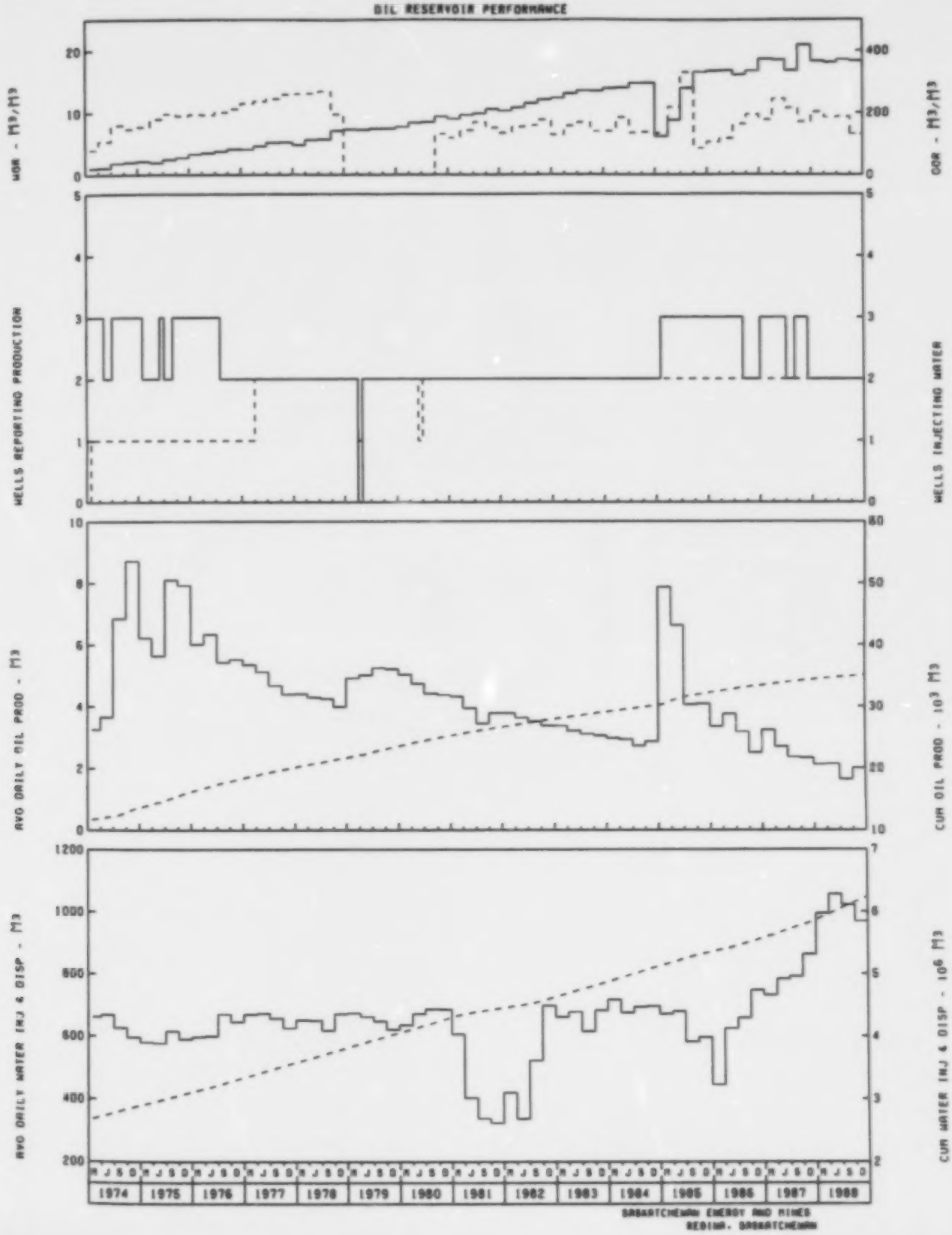


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ALIDA EAST FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



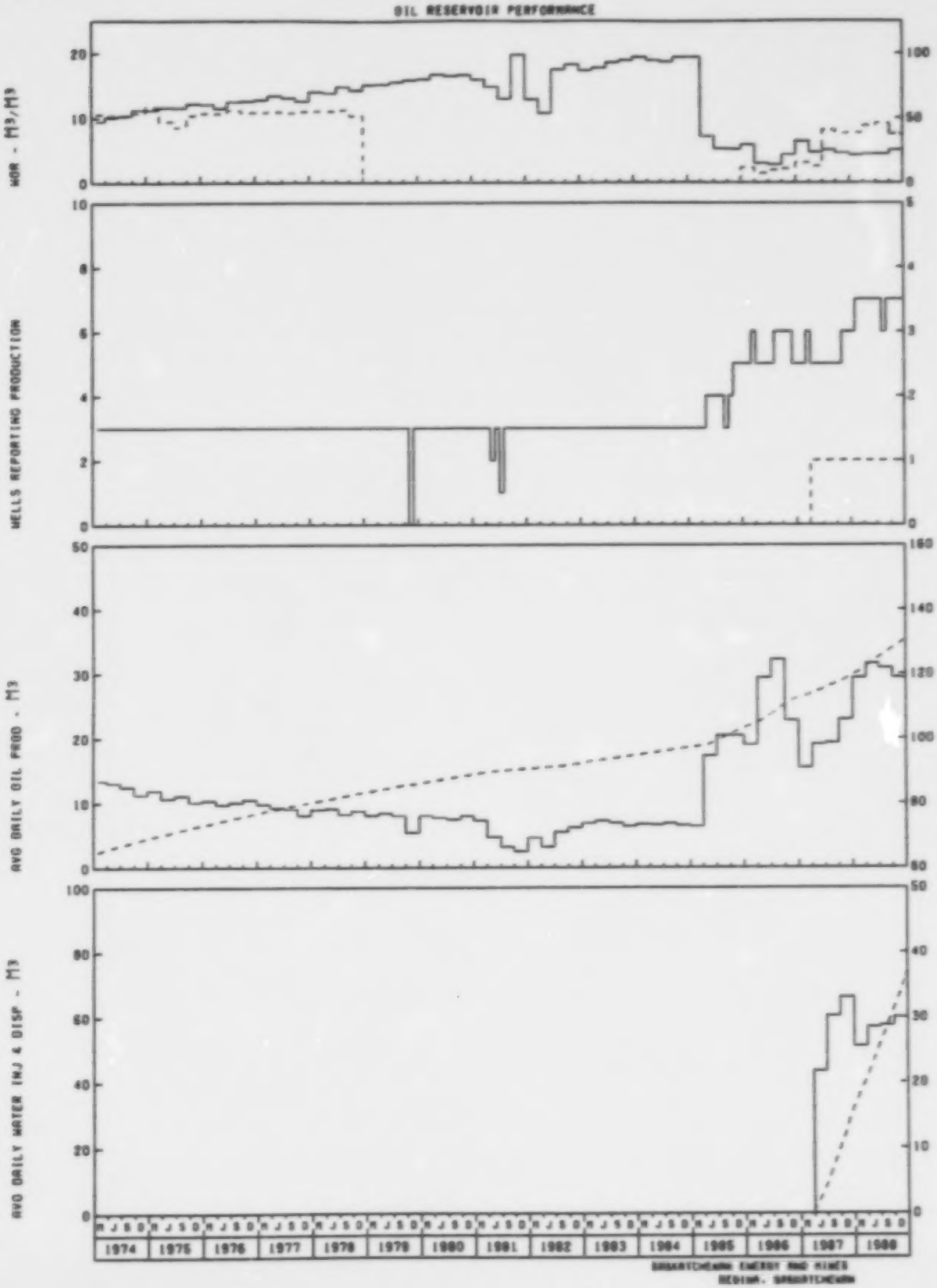
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ALIDA NORTH ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



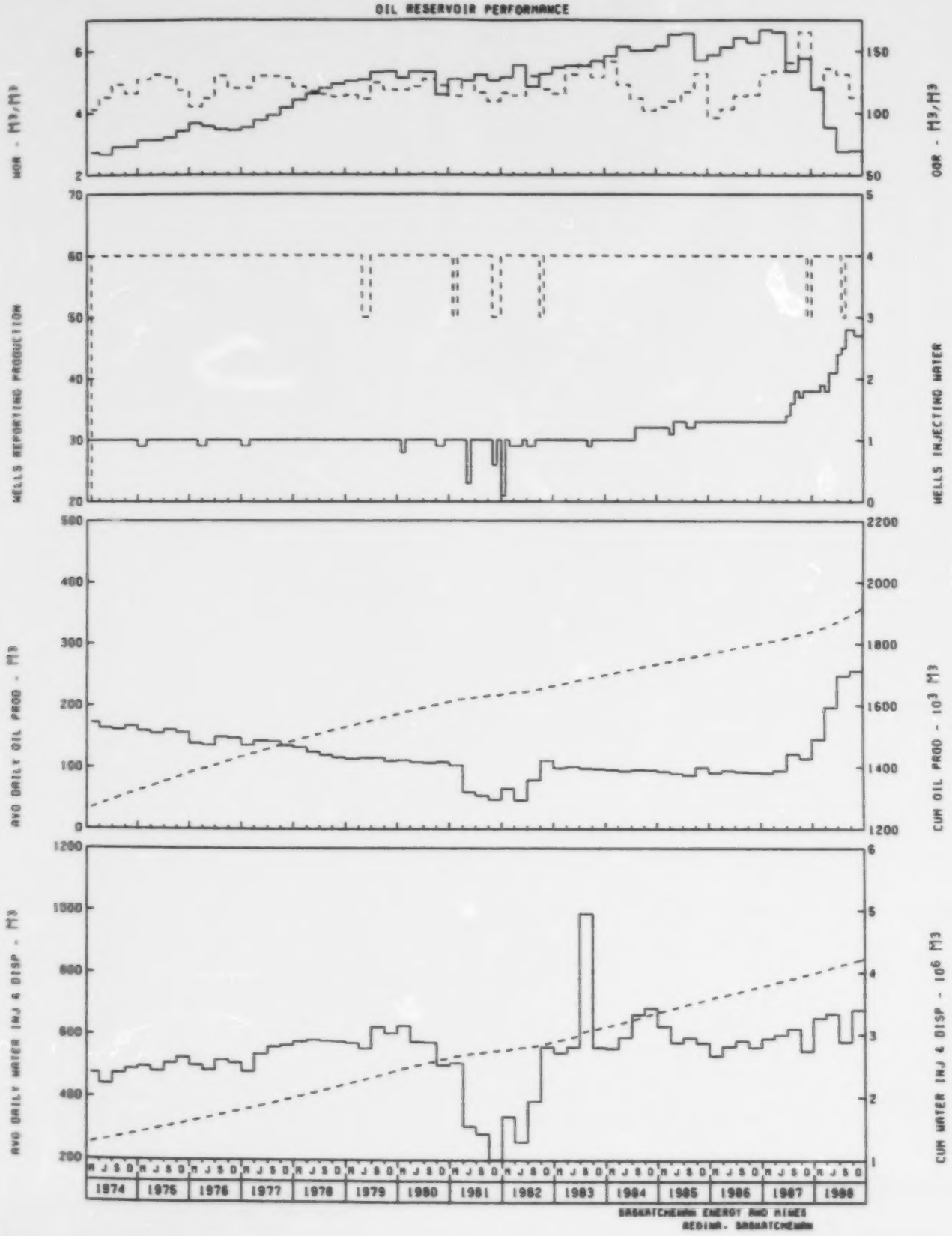
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

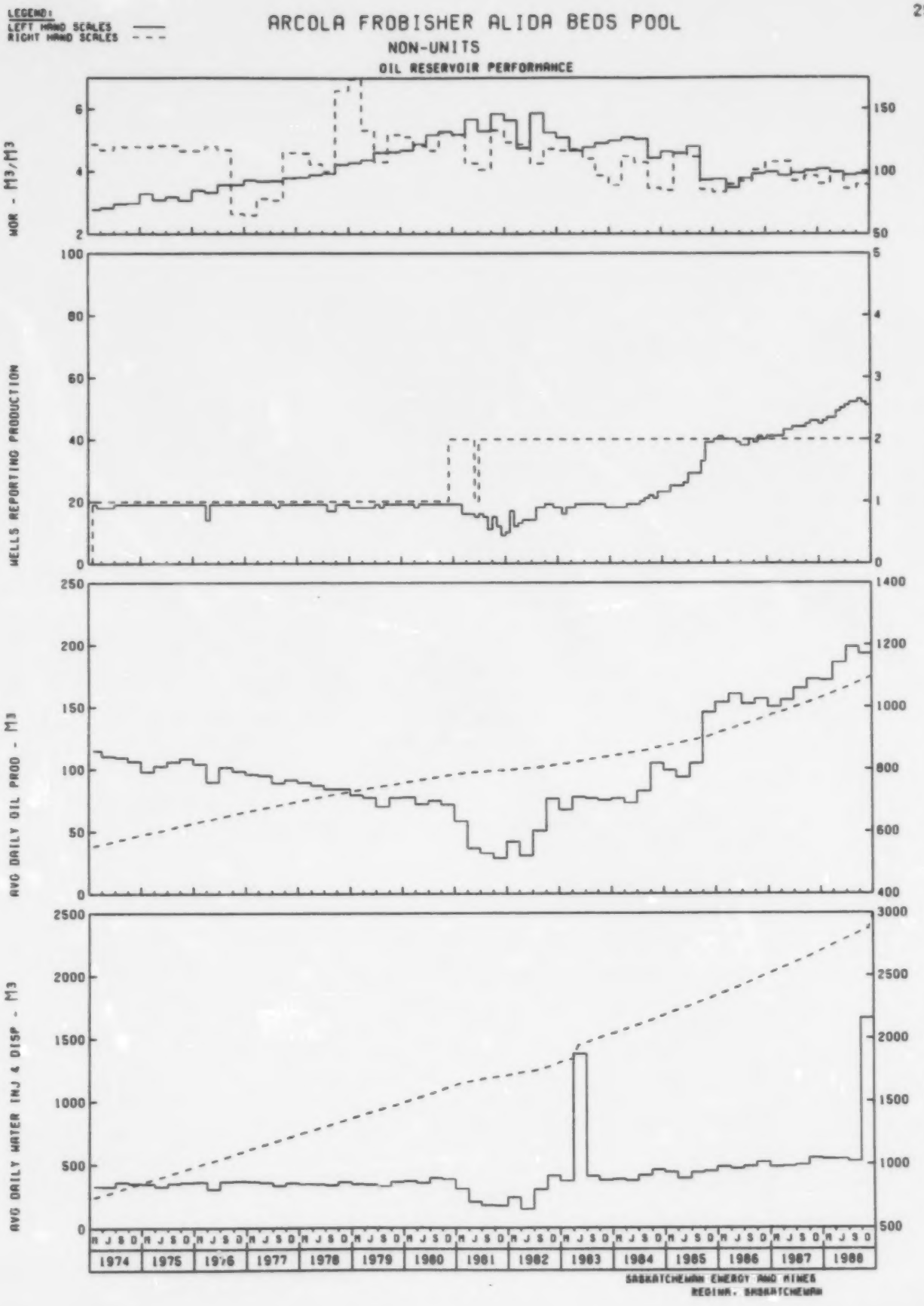
ALIDA WEST FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN


LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
ARCOLA FROBISHER ALIDA BEDS POOL
NON-UNITS
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
WELLS REPORTING PRODUCTION
AVG DAILY OIL PROD - M3
AVG DAILY WATER INJ & DISP - M3
J S D
1974
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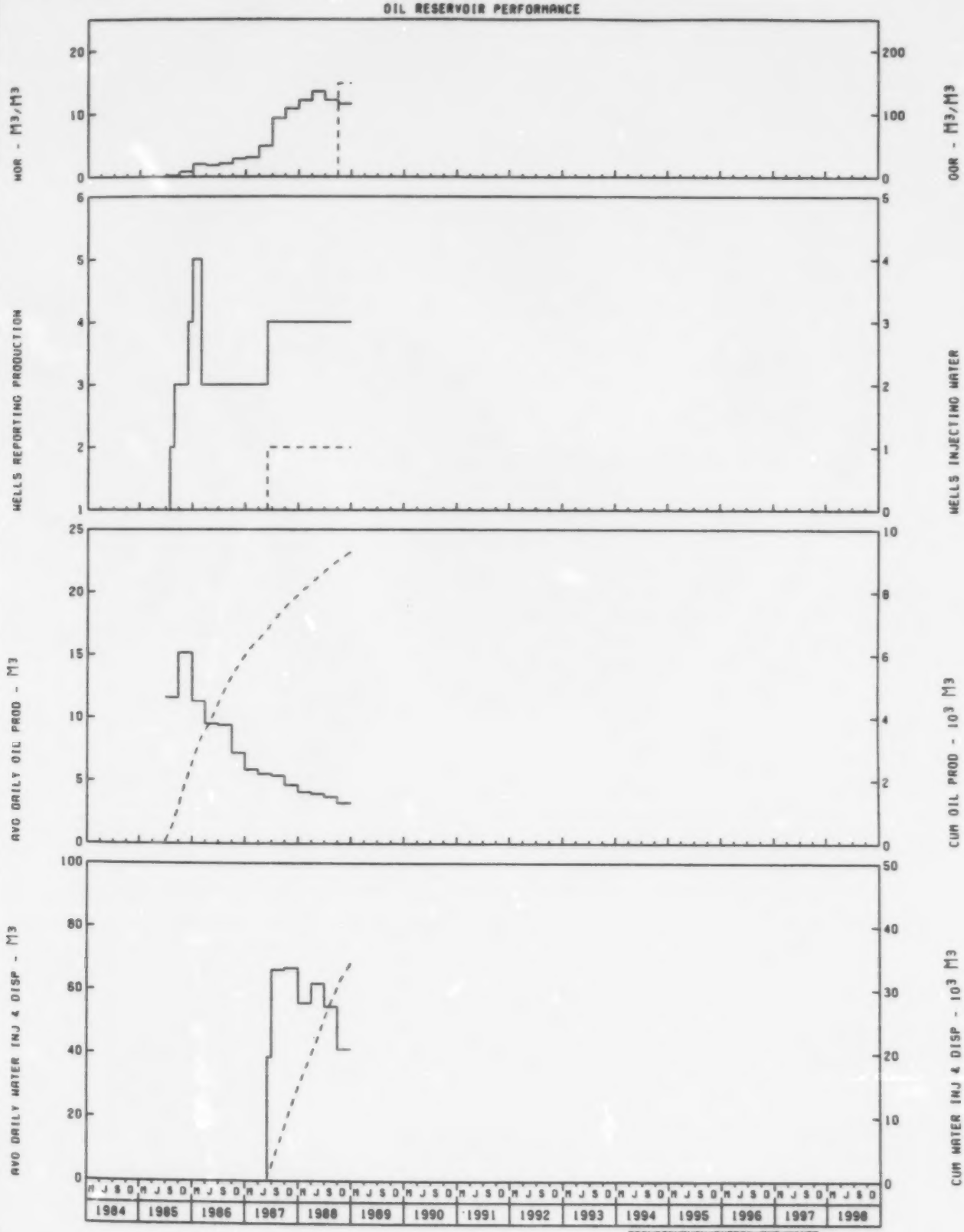
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

AUBURTON FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



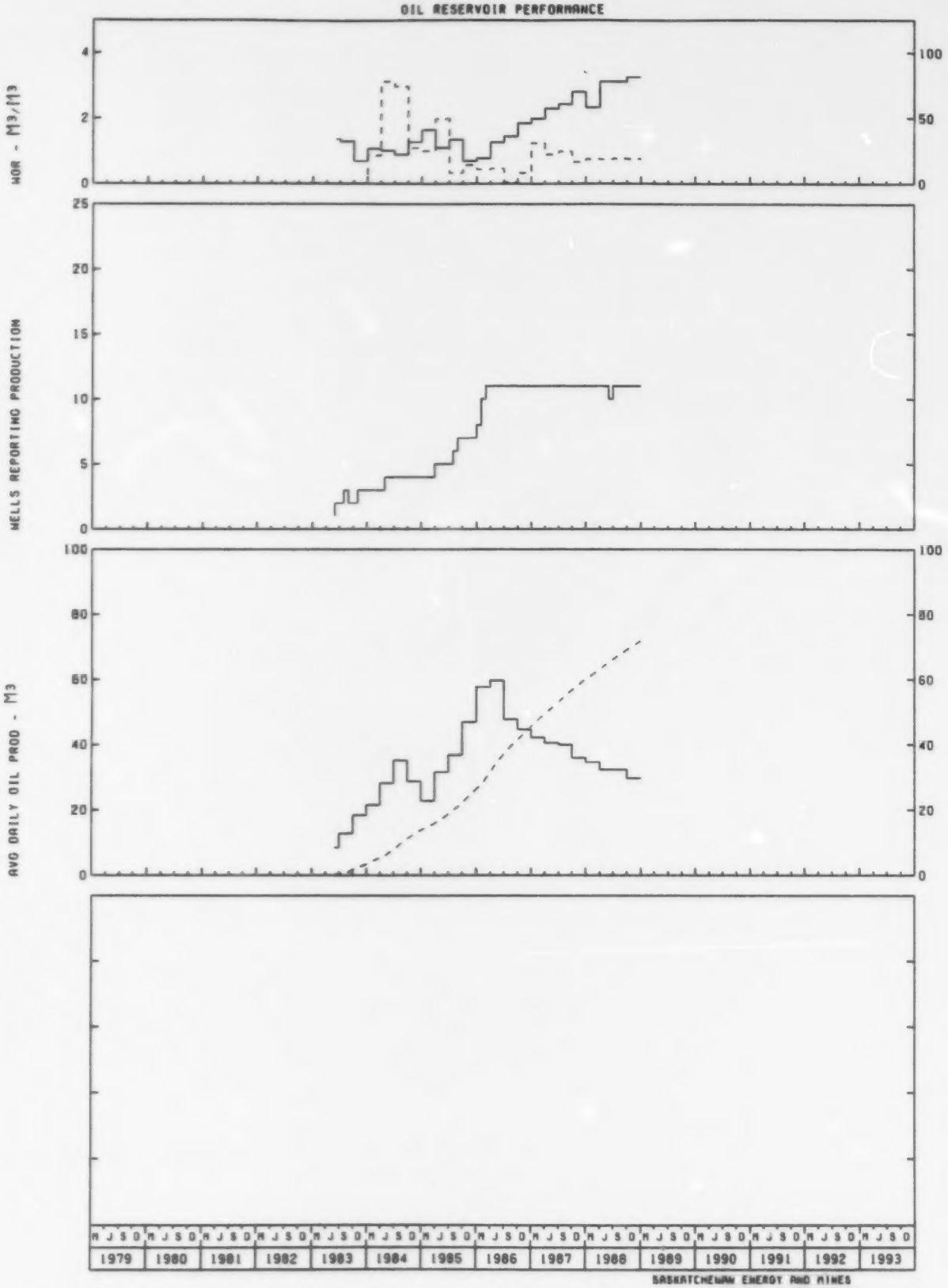
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



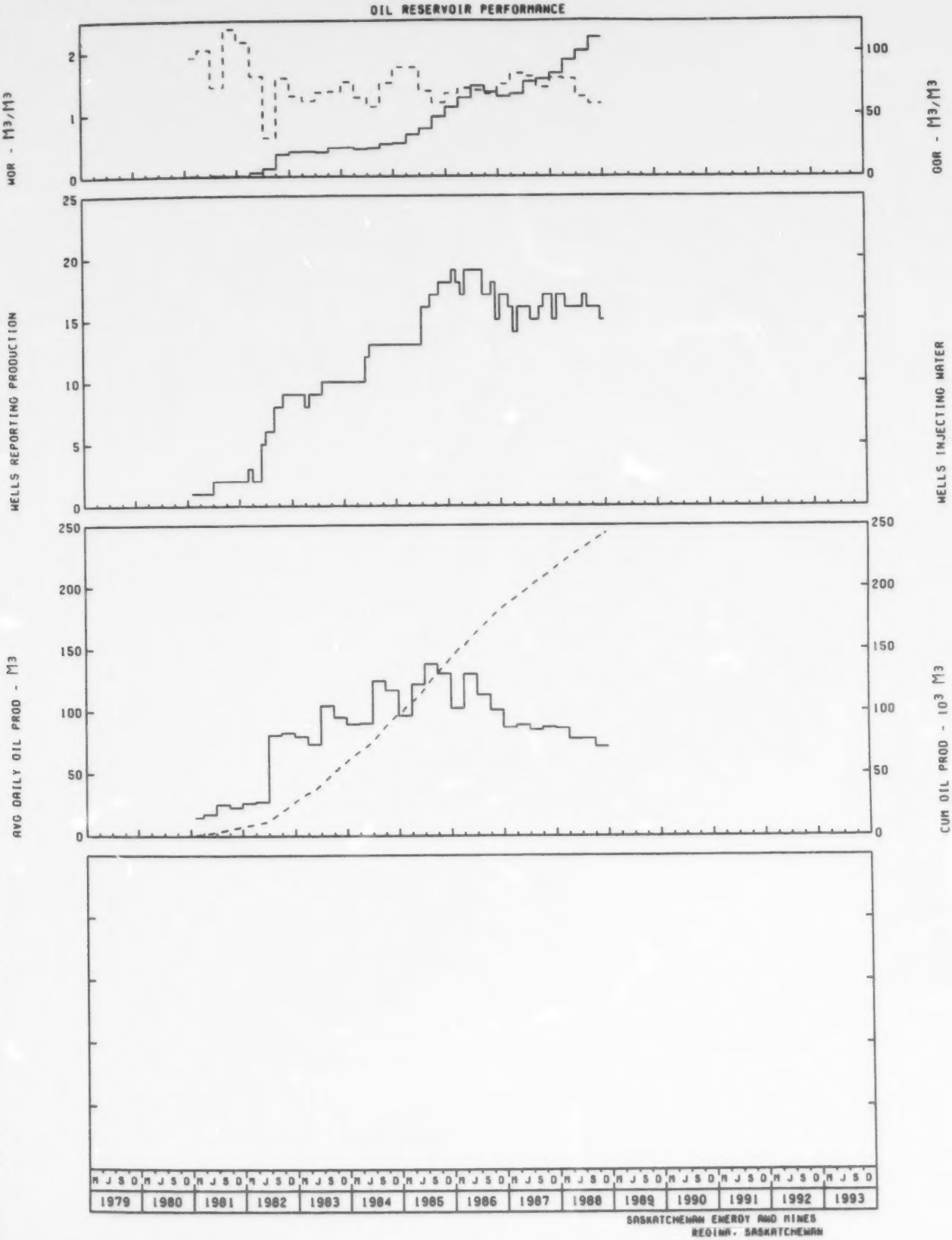
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BIENFAIT MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



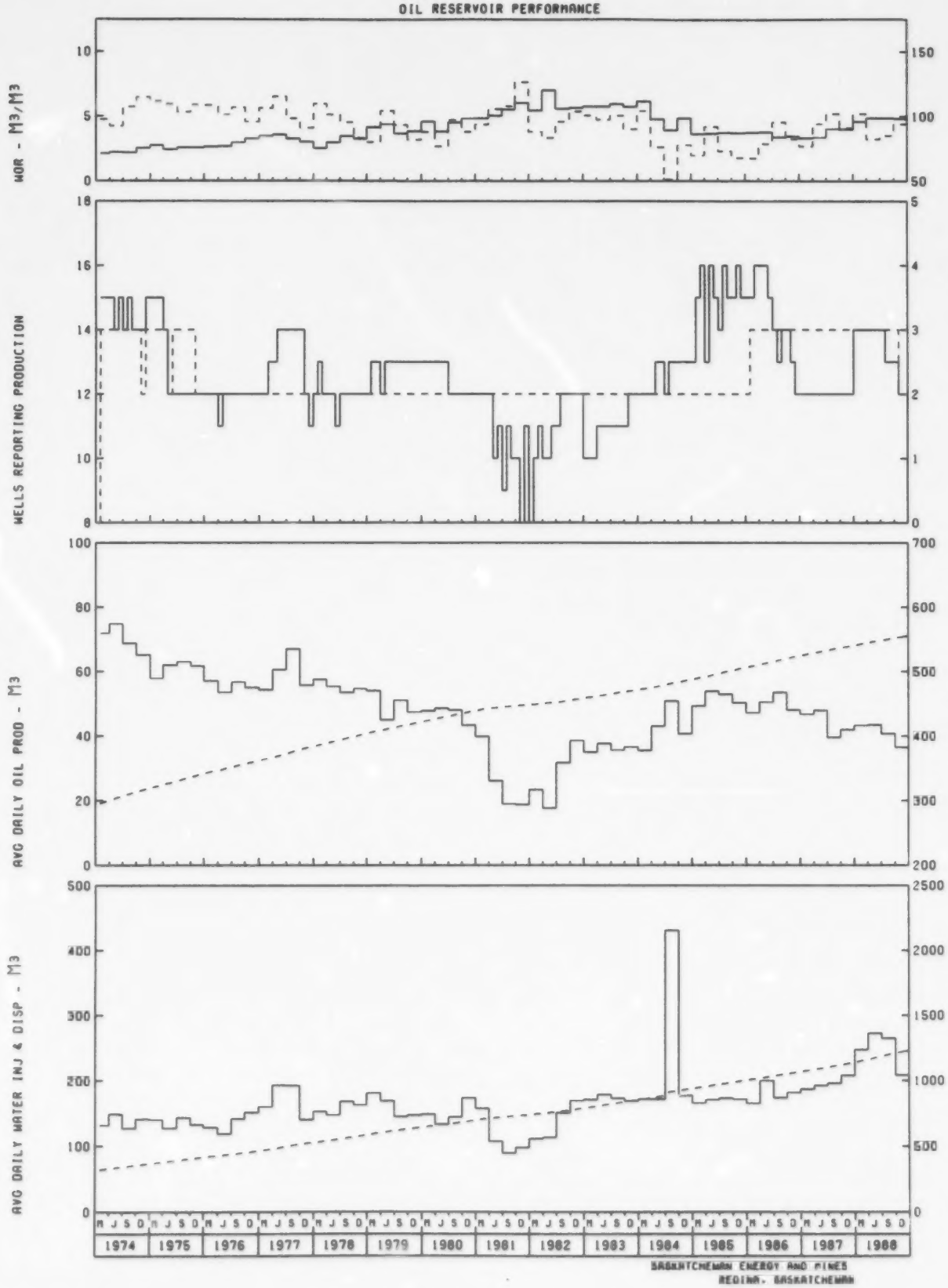
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BROWNING FROBISHER ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



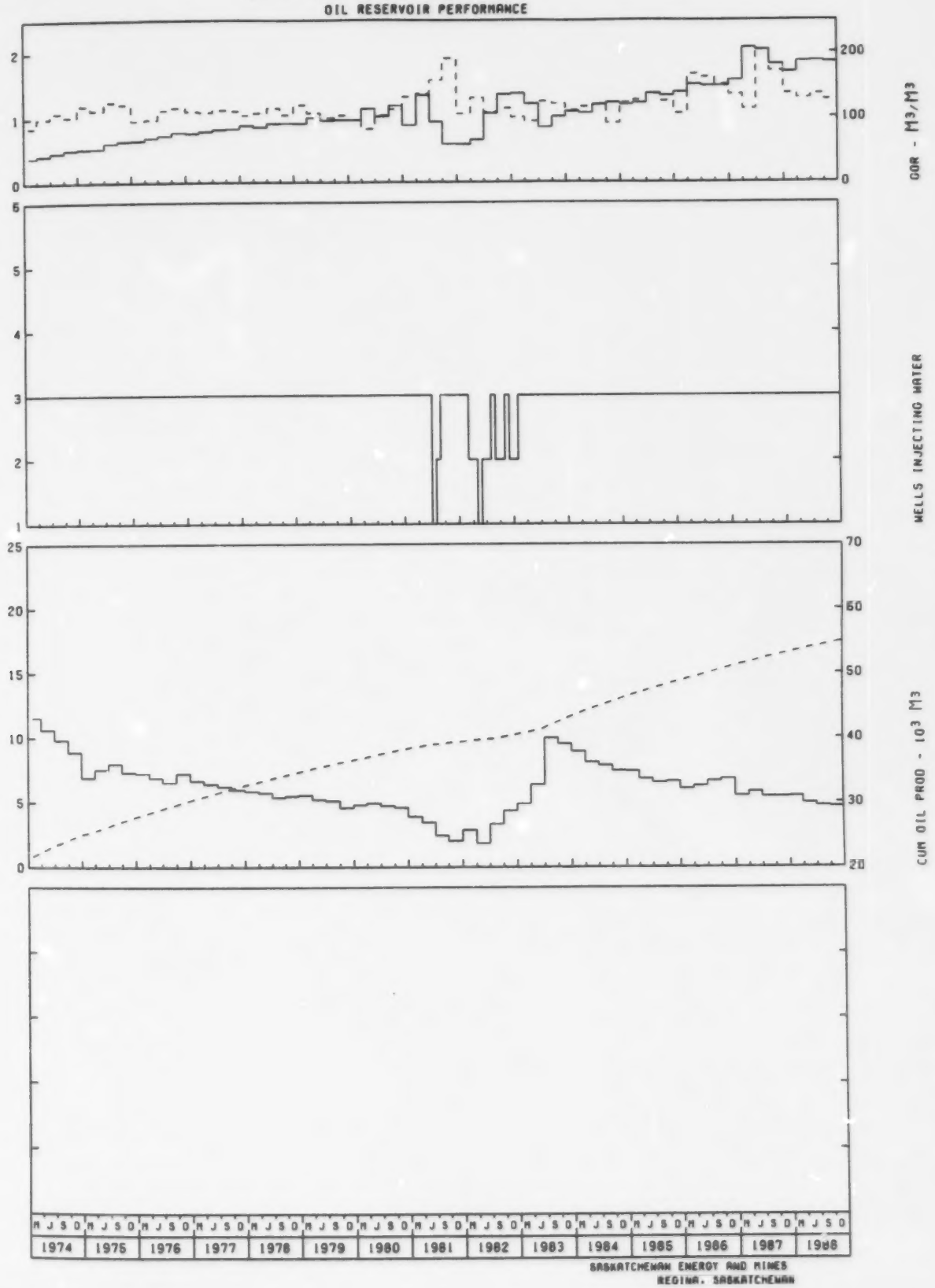
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTAL FROBISHER ALIDA BEDS POOL

CANT FROB ALIDA VOL UNIT 1

OIL RESERVOIR PERFORMANCE



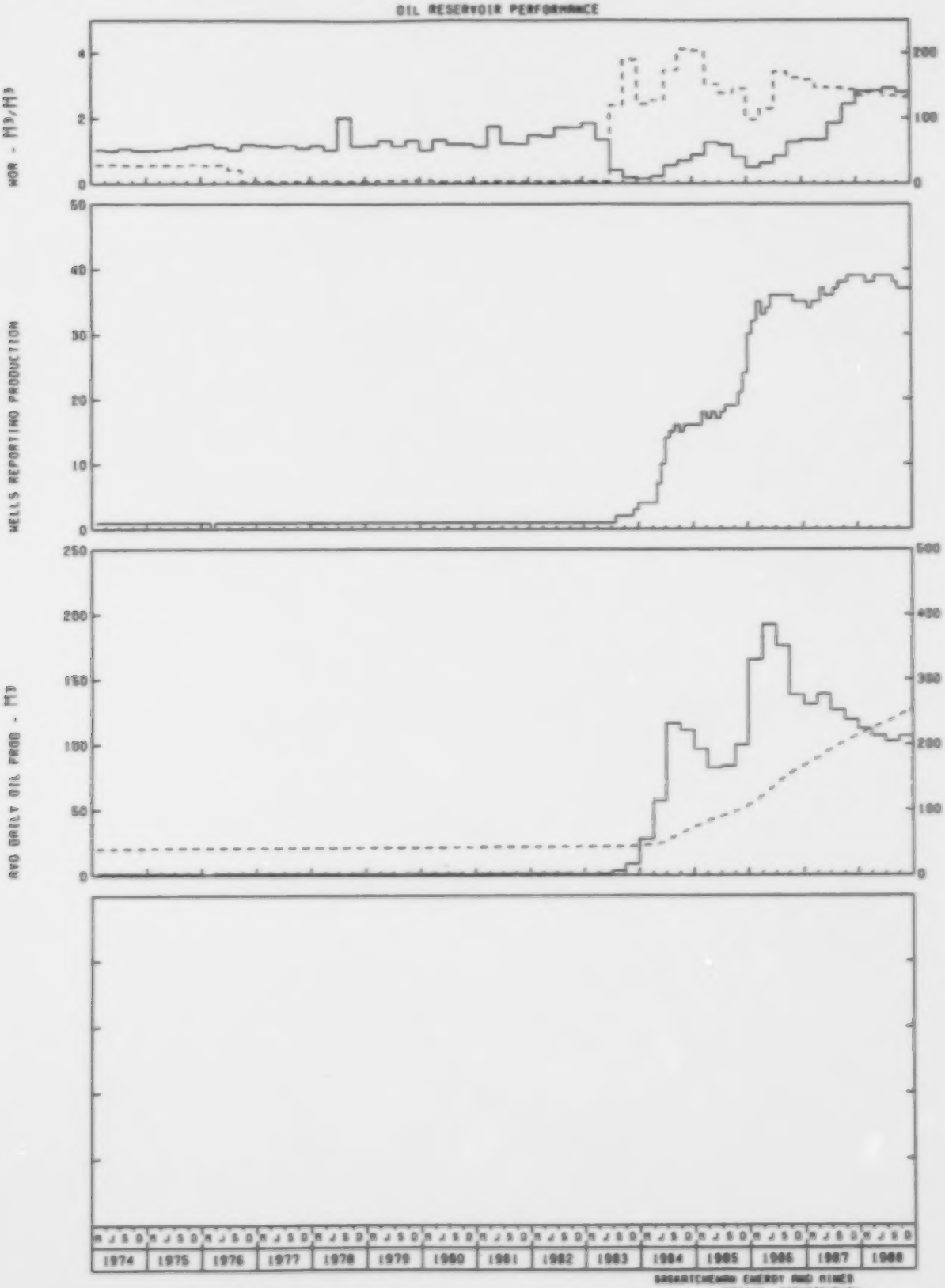
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CANTAL FROBISHER ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

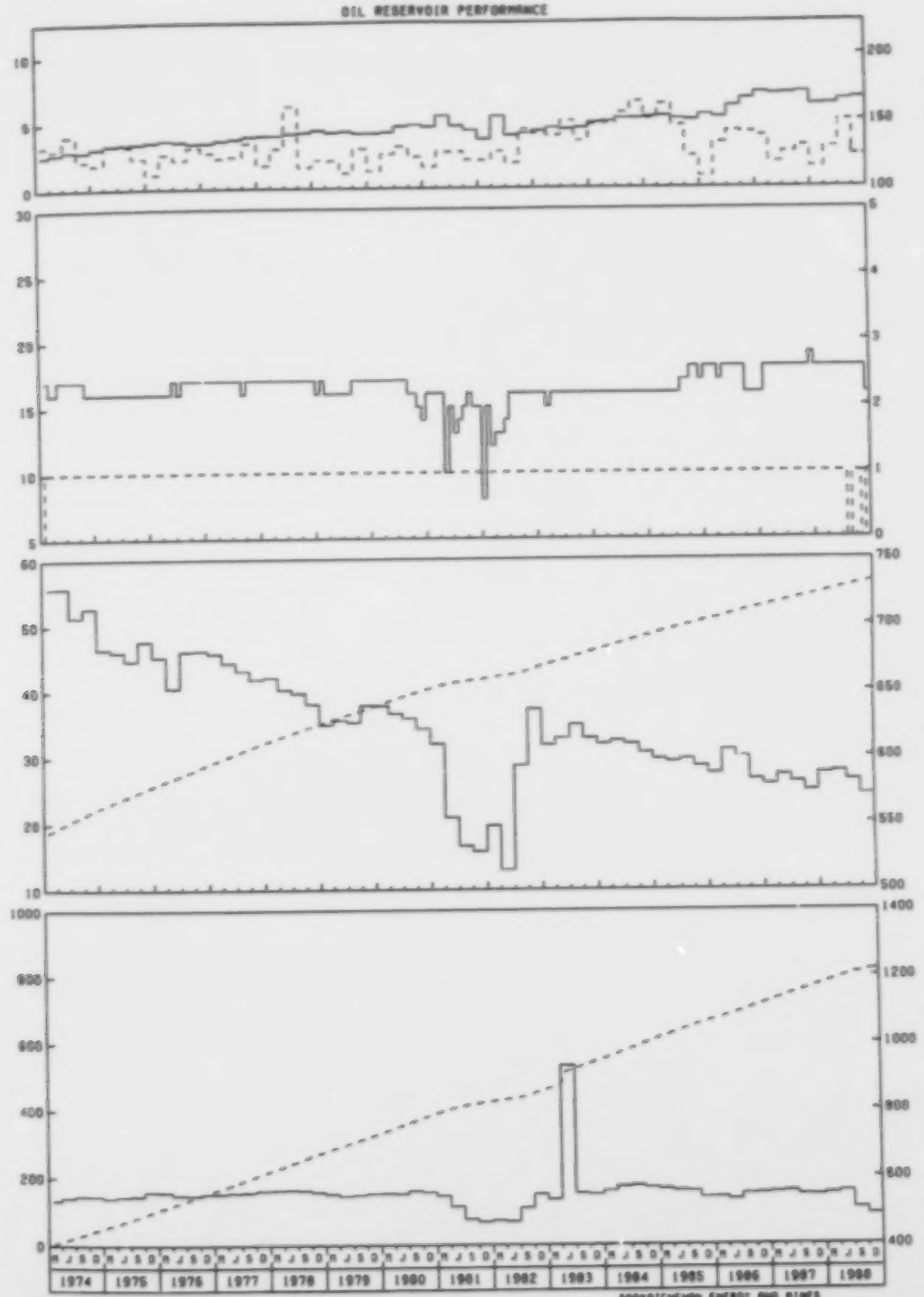


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

CANTAL SOUTH FROB ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

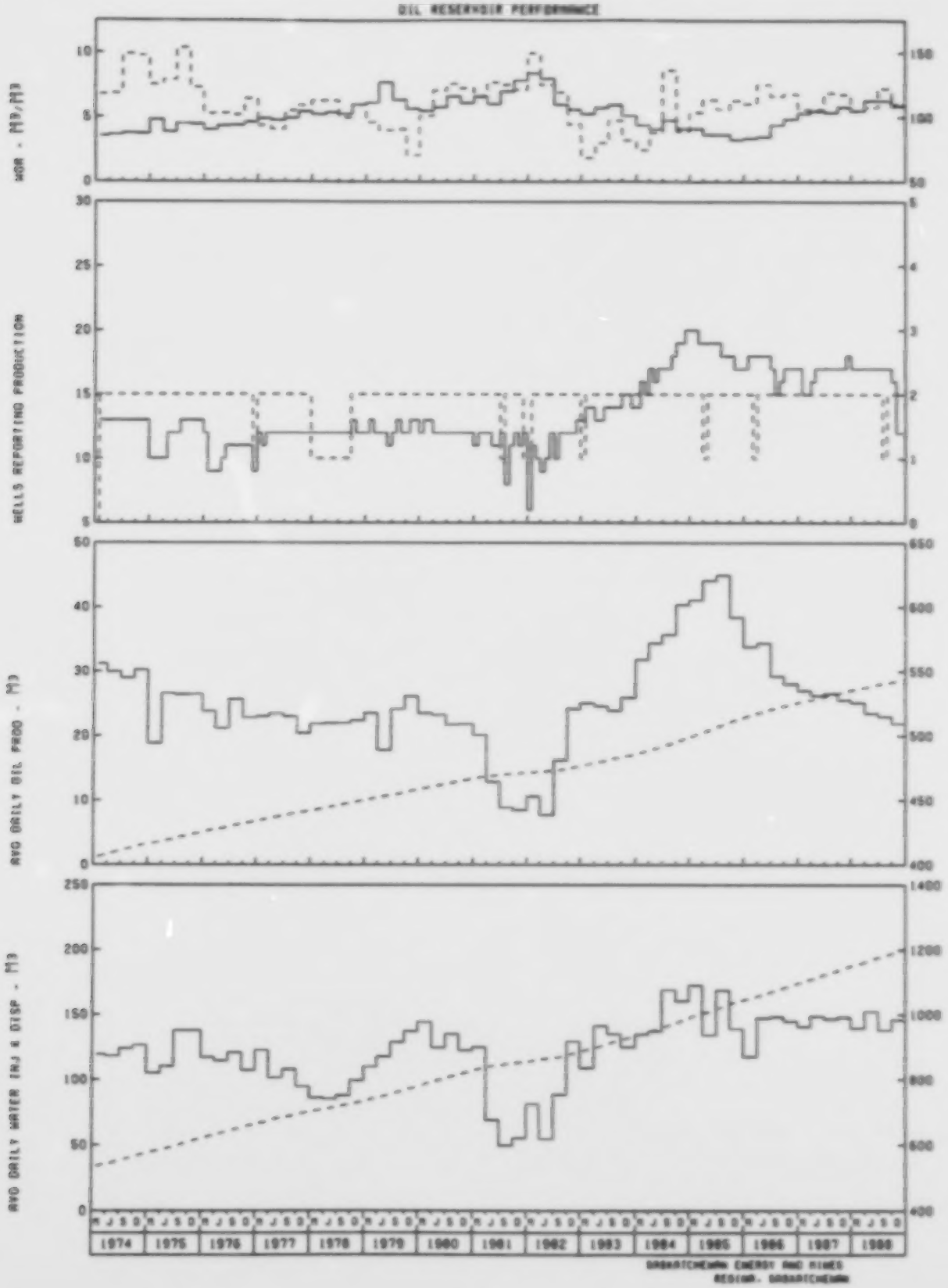


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

CARNDUFF FROBISHER BEDS POOL

NON-UNITS

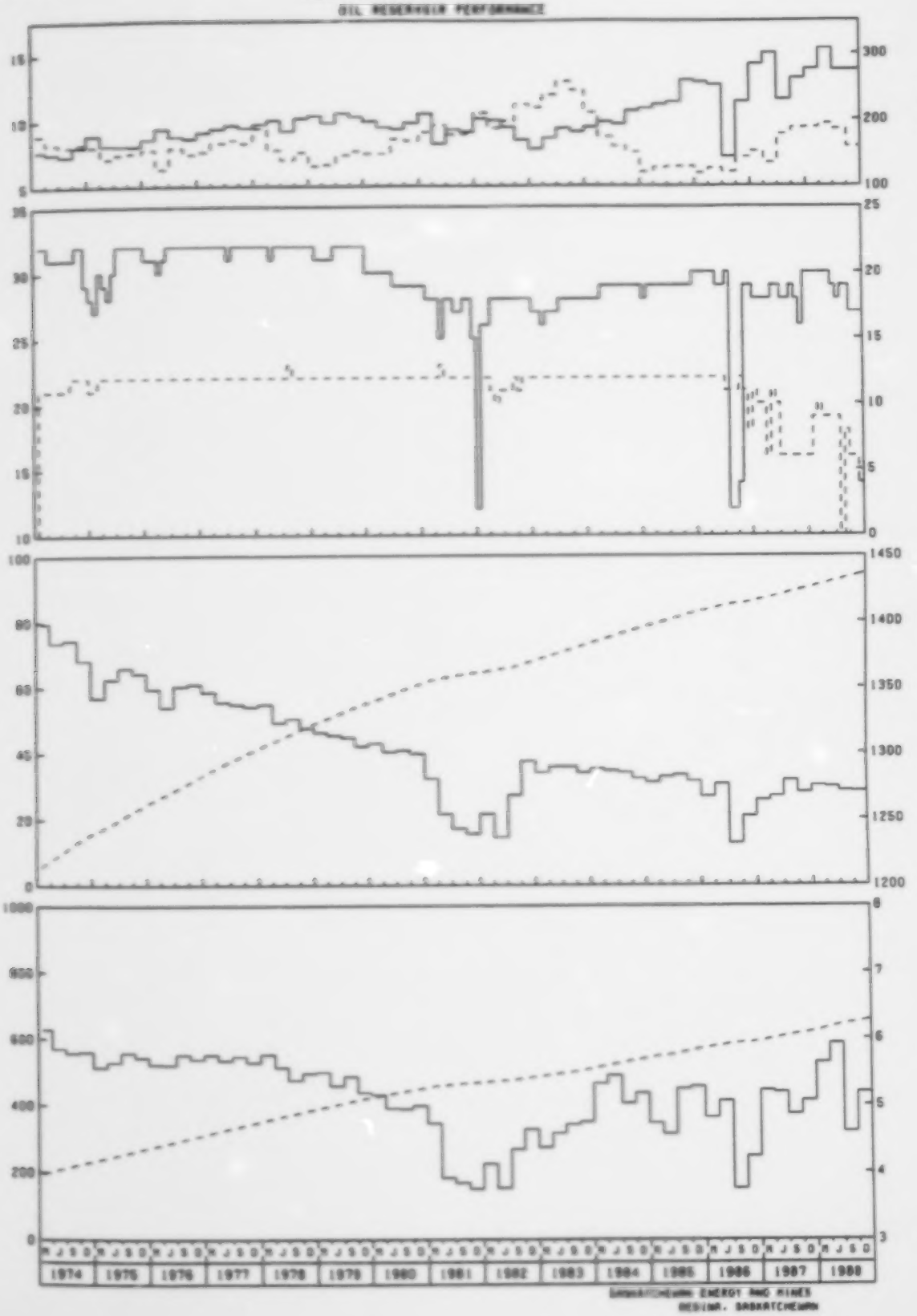
OIL RESERVOIR PERFORMANCE

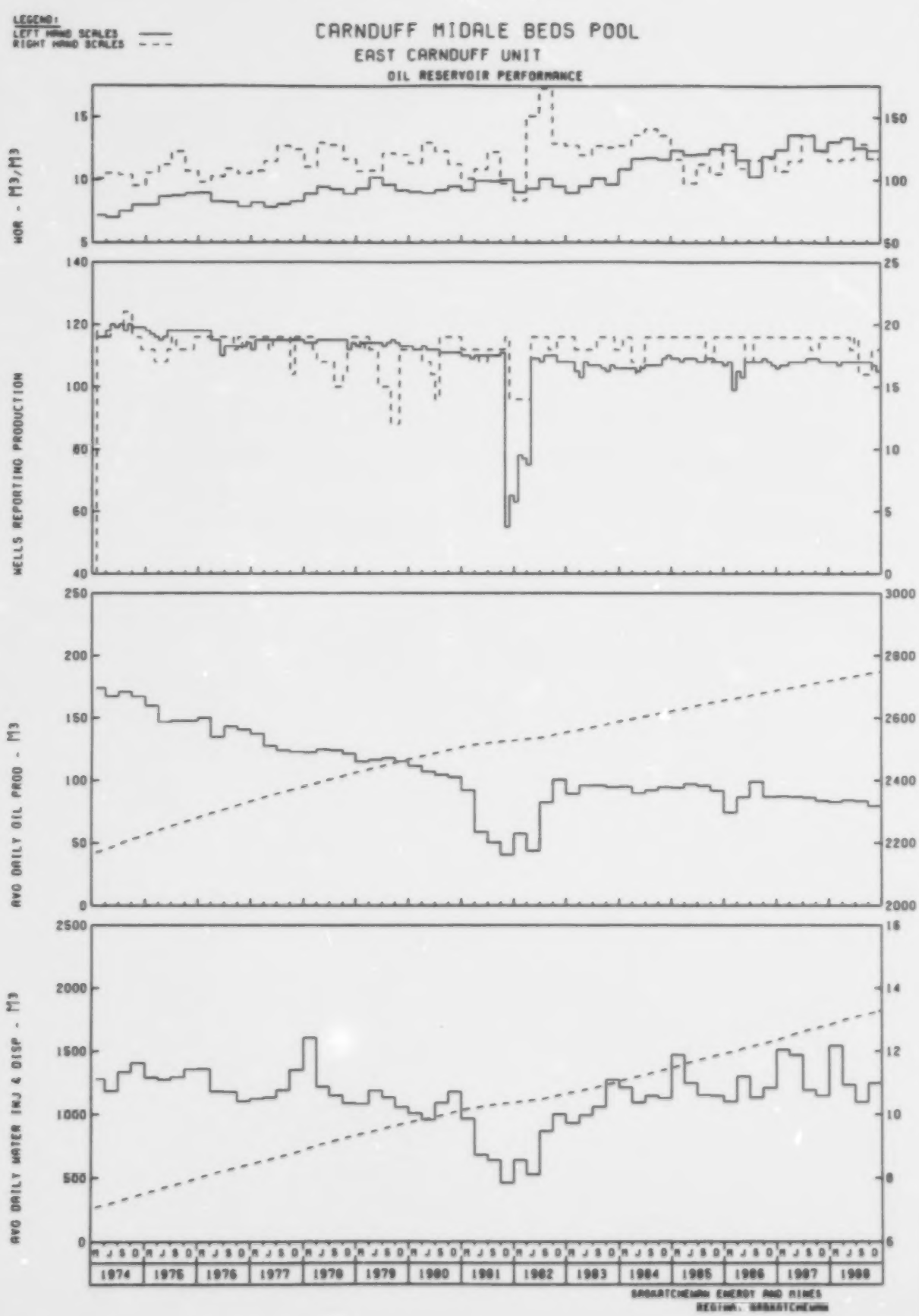


CARNDUFF MIDALE BEDS POOL

WEST CARNDUFF UNIT

OIL RESERVOIR PERFORMANCE




LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
CARNDUFF MIDALE BEDS POOL
EAST CARNDUFF UNIT
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
WELLS REPORTING PRODUCTION
AVG DAILY OIL PROD - M3
AVG DAILY WATER INJ & DISP - M3
1974
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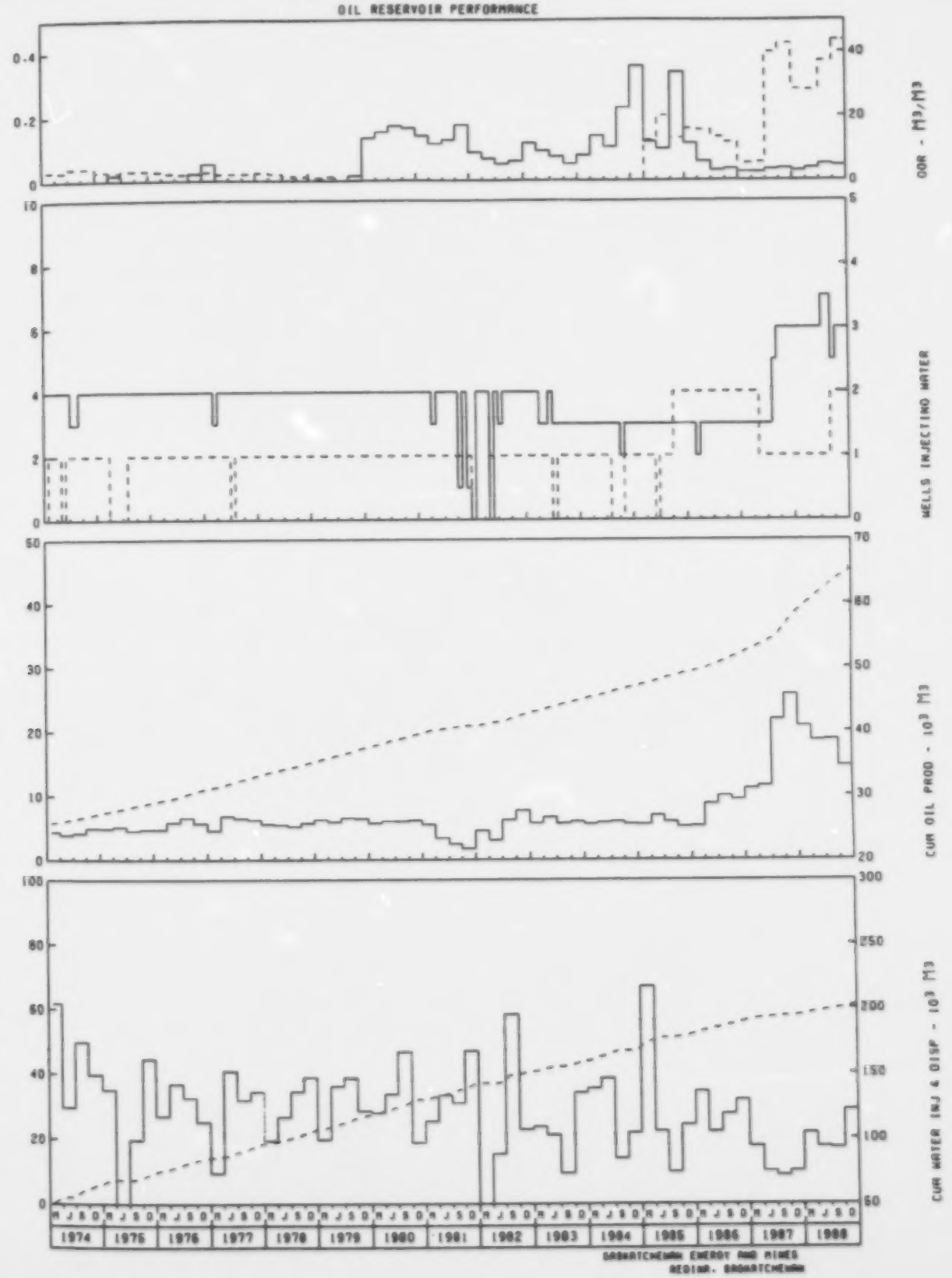
1988
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CARNDUFF MIDALE BEDS POOL

CARNDUFF VOL UNIT 1

OIL RESERVOIR PERFORMANCE

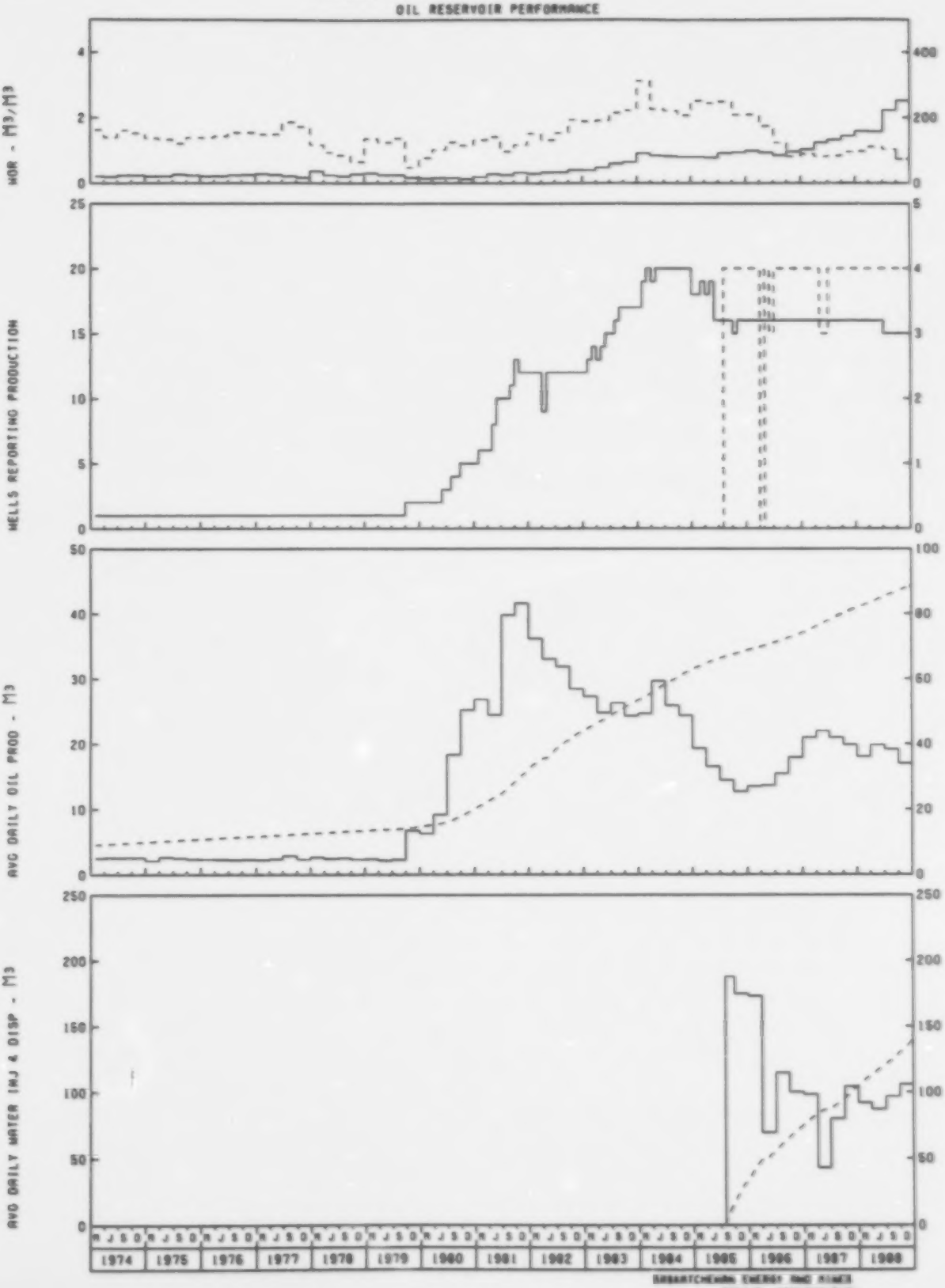


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

CARNDUFF MIDALE BEDS POOL

CARNDUFF SO MIDALE VOL UNIT

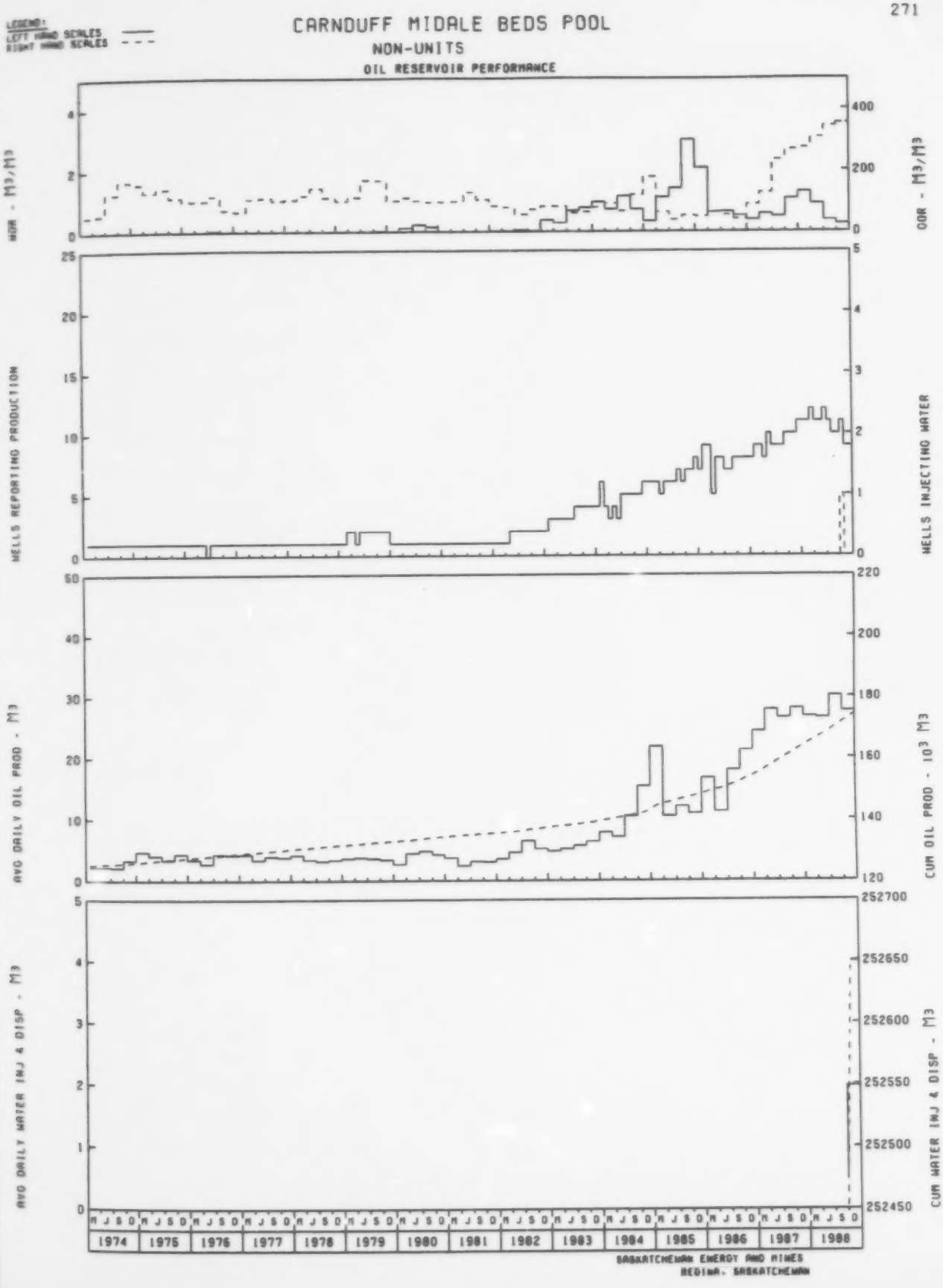
OIL RESERVOIR PERFORMANCE



CARNDUFF MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

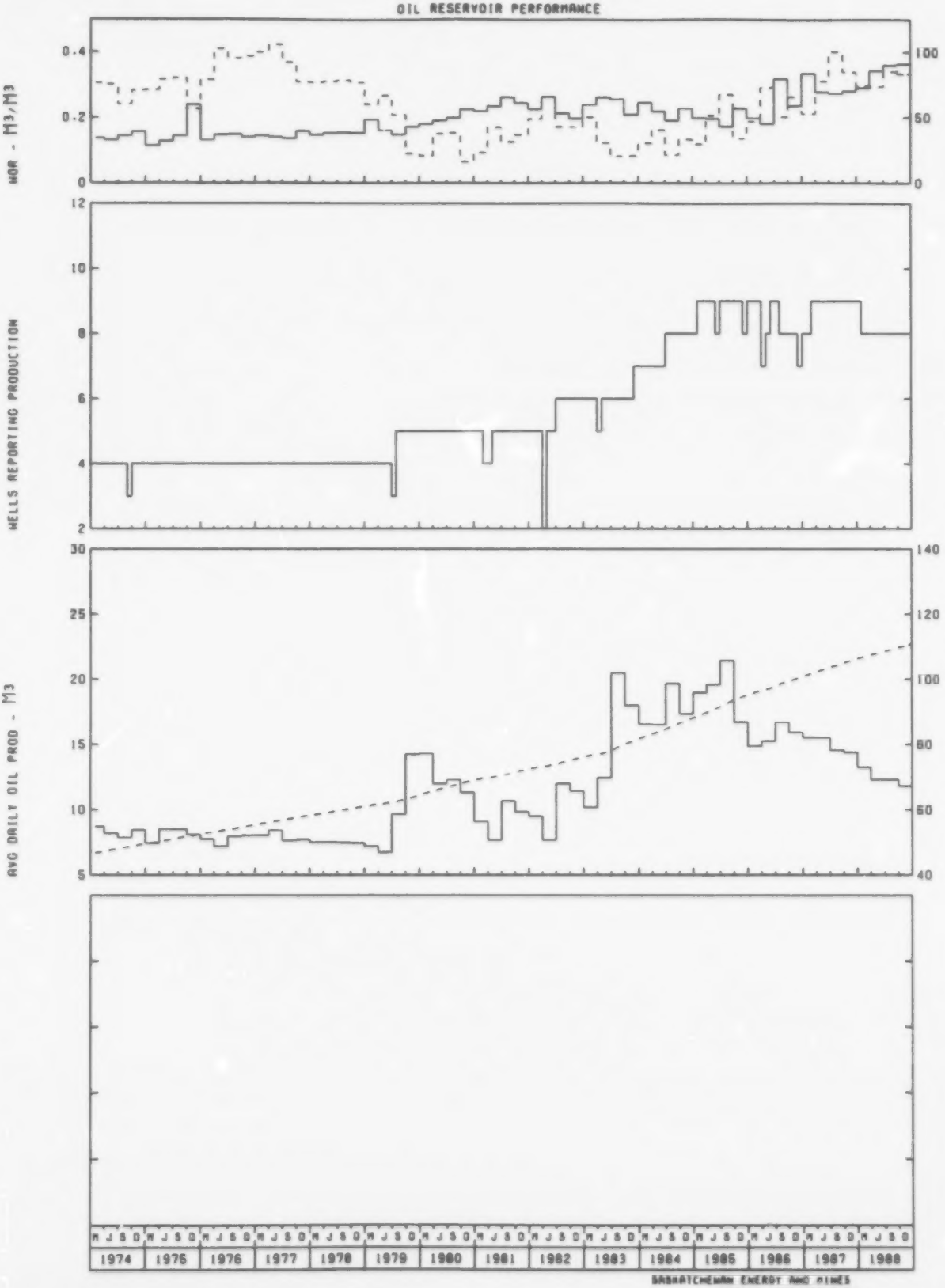


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CLARILAW FROBISHER ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



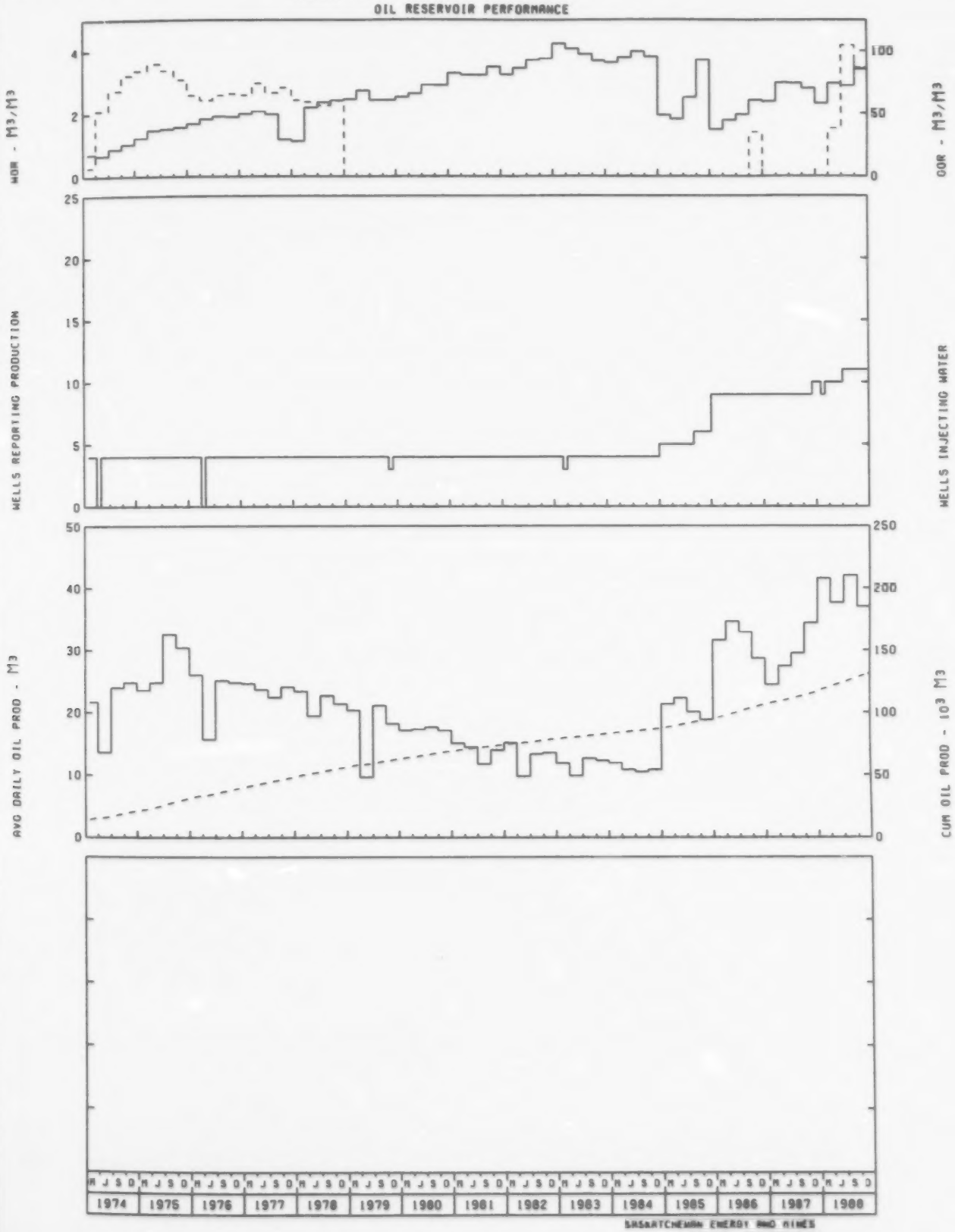
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

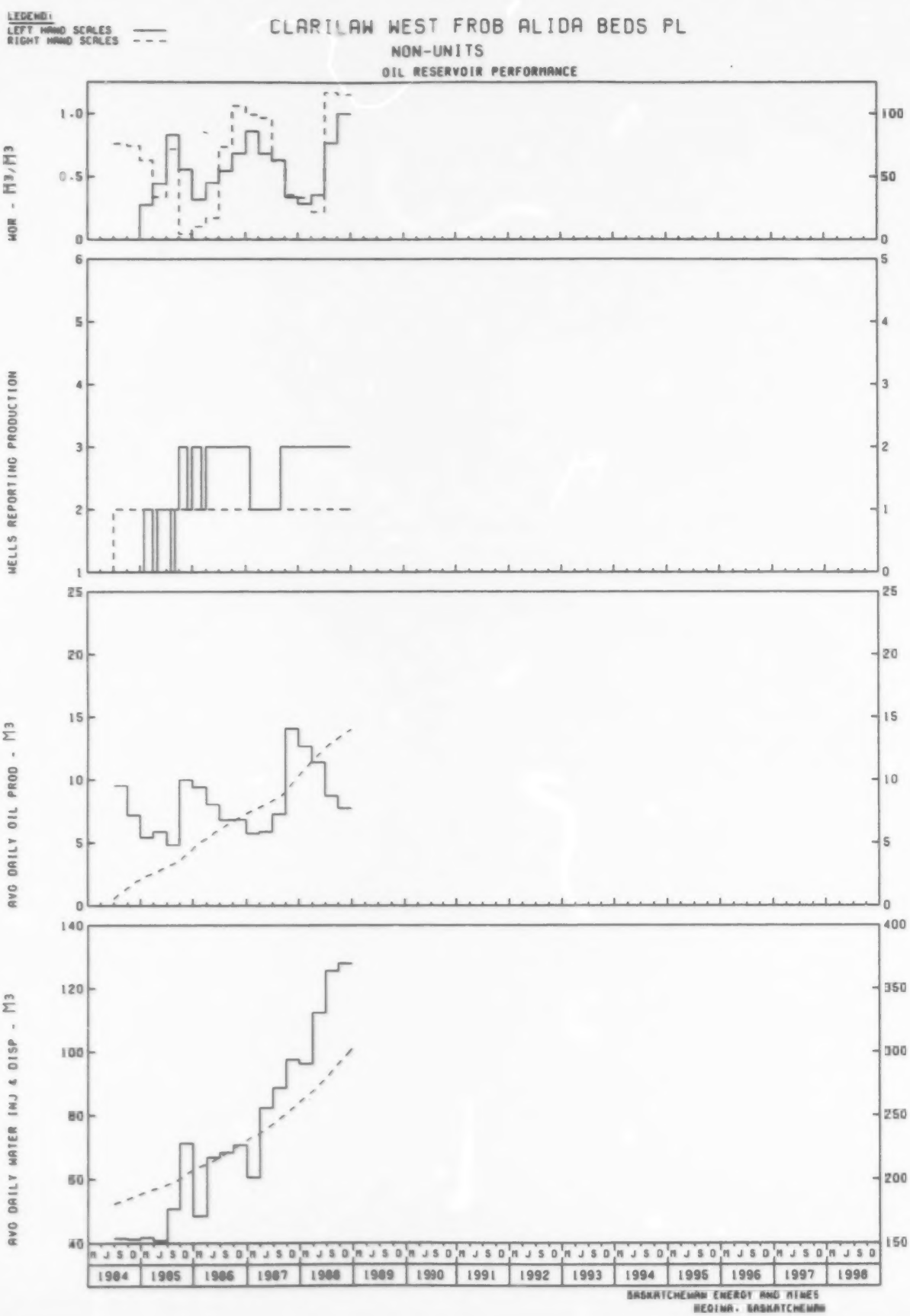
CLARILAW WEST FROB ALIDA BEDS PL

KISBEY UPPER HAST VOL UNIT 1

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

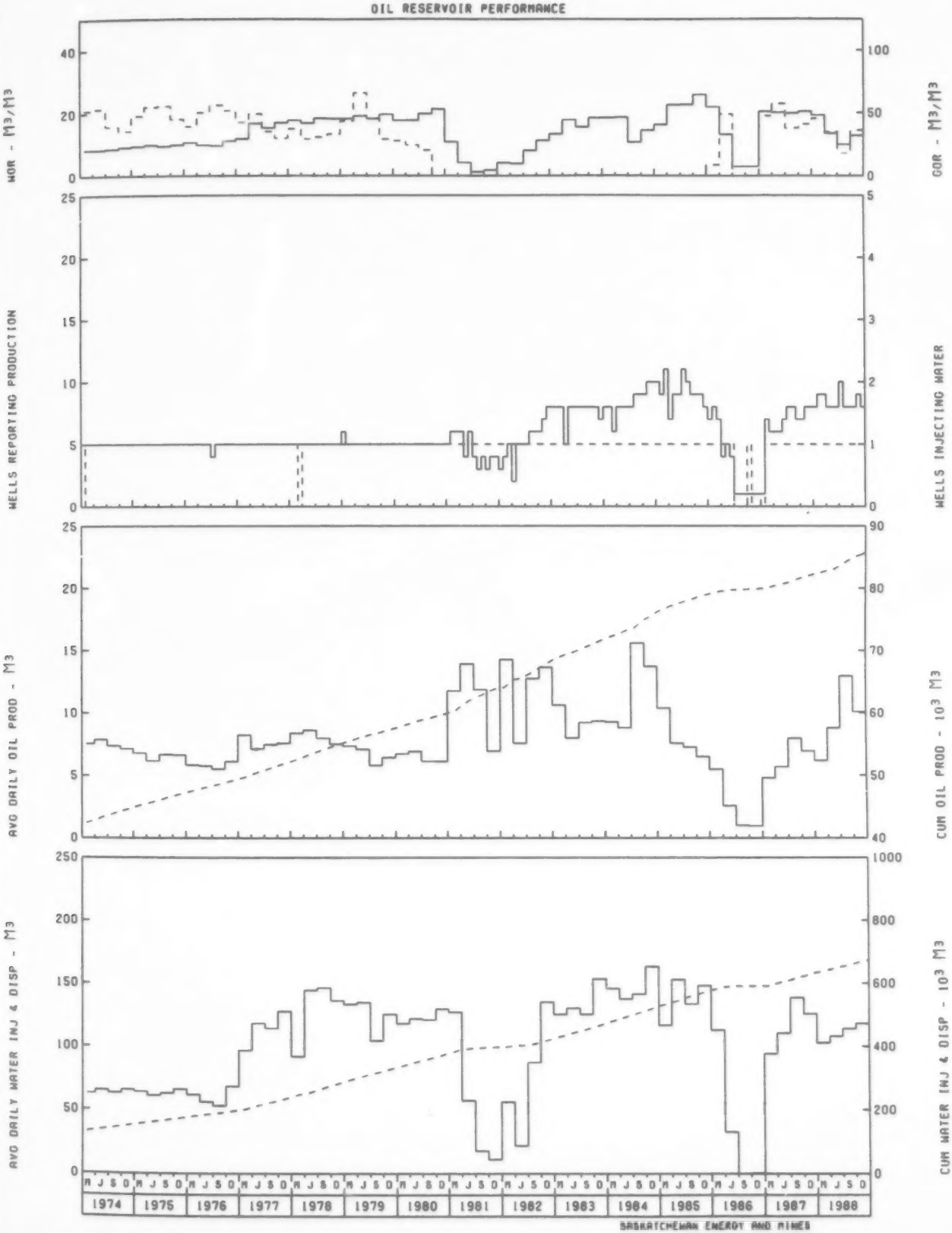

LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
CLARILAW WEST FROB ALIDA BEDS PL
NON-UNITS
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
WELLS REPORTING PRODUCTION
AVG DAILY OIL PROD - M3
AVG DAILY WATER INJ & DISP - M3
M J S D M J S D M J S D M J S D M J S D M J S D M J S D M J S D M J S D M J S D M J S D M J S D M J S D
1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CRYSTAL HILL SOURIS VALLEY BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



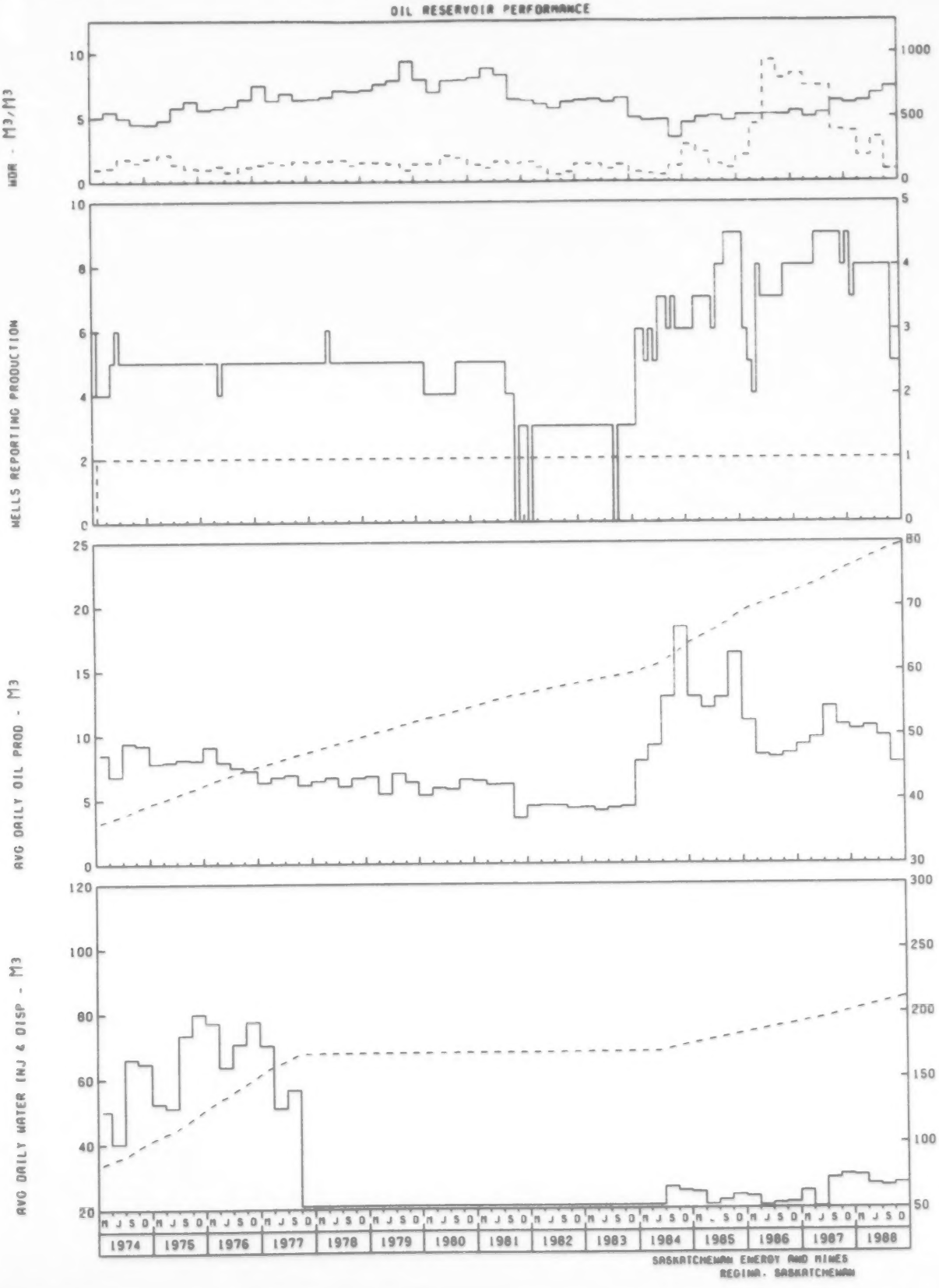
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

EDENVALE TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



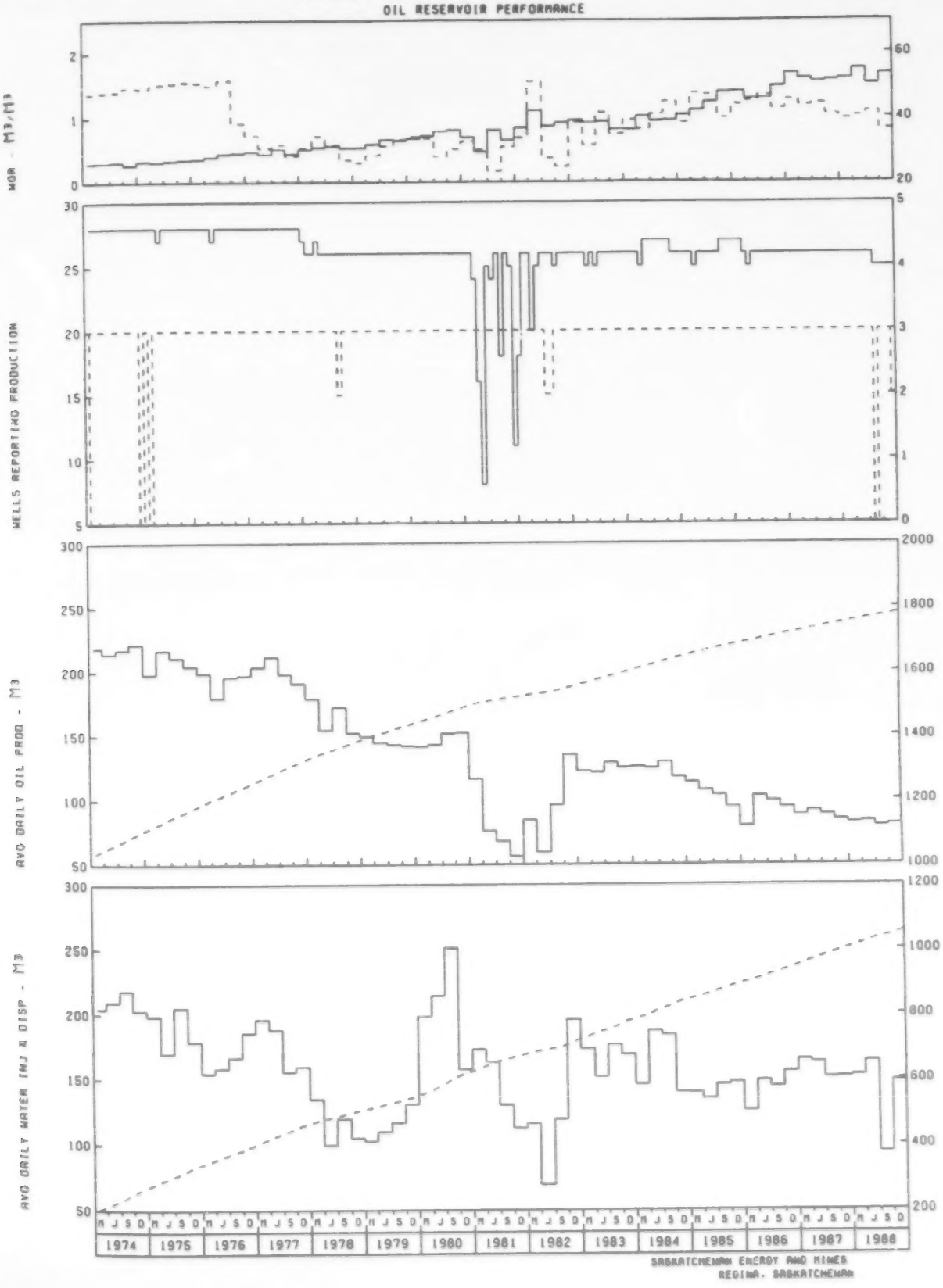
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ELMORE FROBISHER BEDS POOL

ELMORE FROB BEDS VOL UNIT 1

OIL RESERVOIR PERFORMANCE

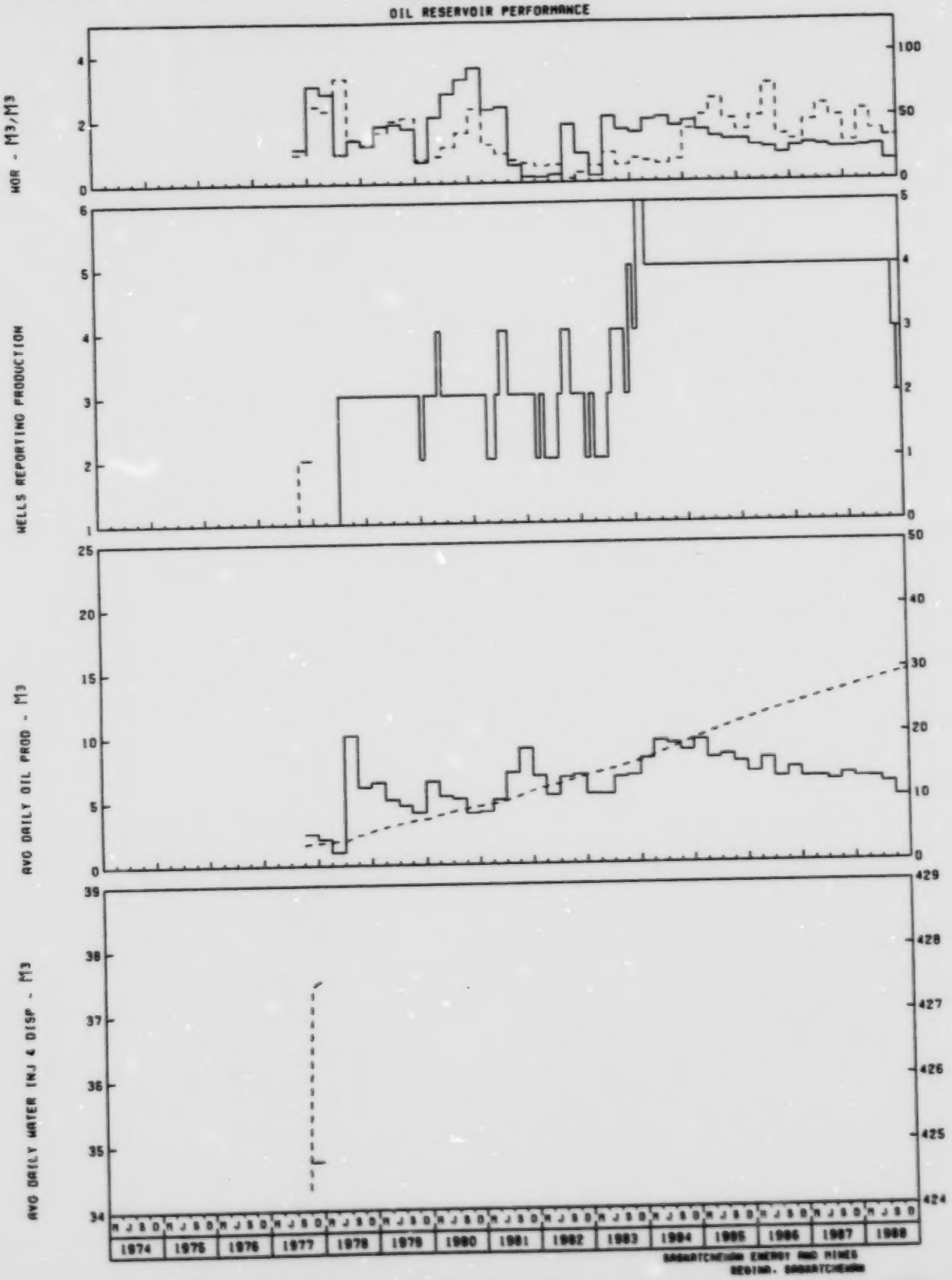


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

ELMORE FROBISHER BEDS POOL

NON-UNITS

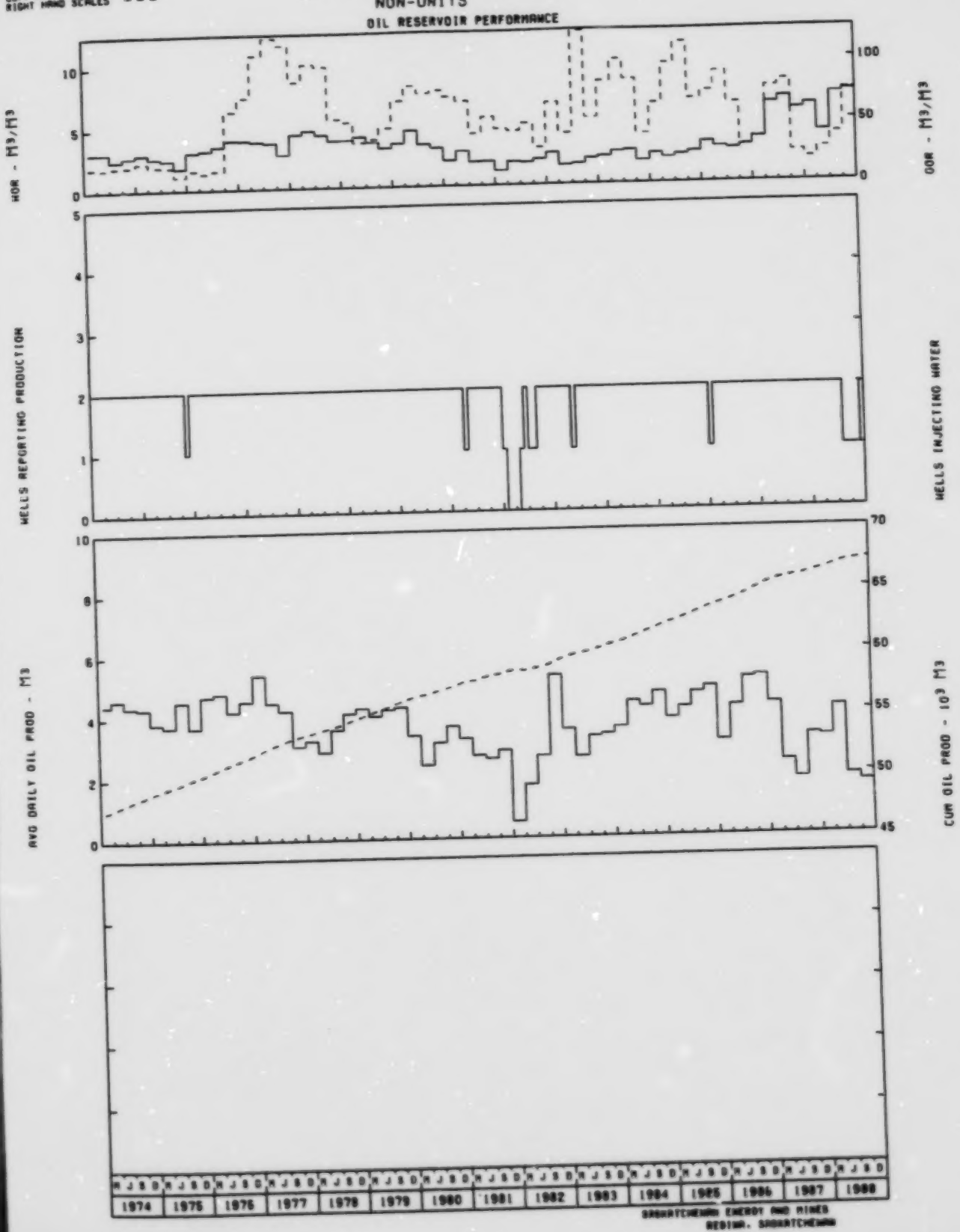
OIL RESERVOIR PERFORMANCE



ELMORE MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

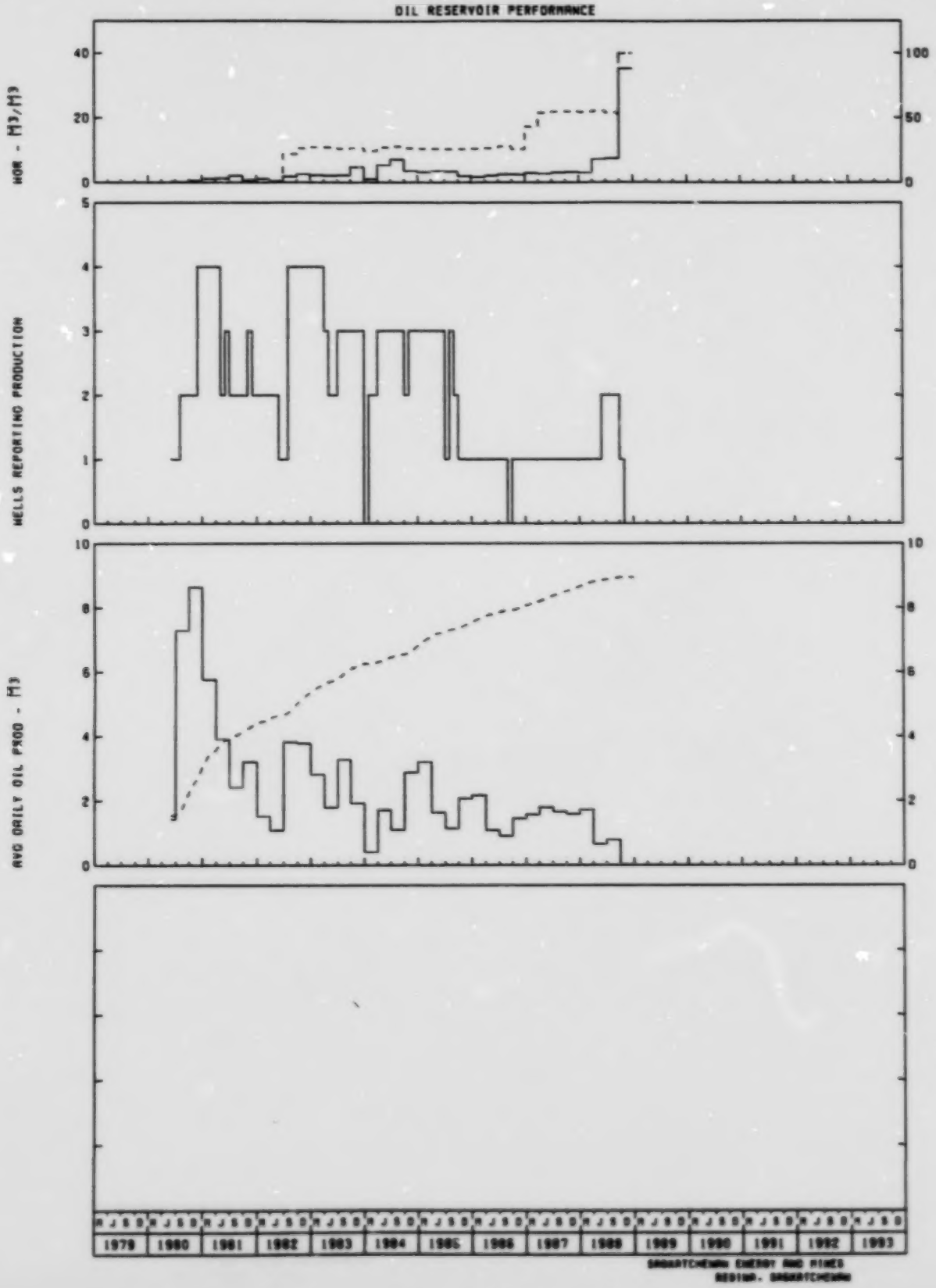


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FERTILE TILS SOURIS VALLEY POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



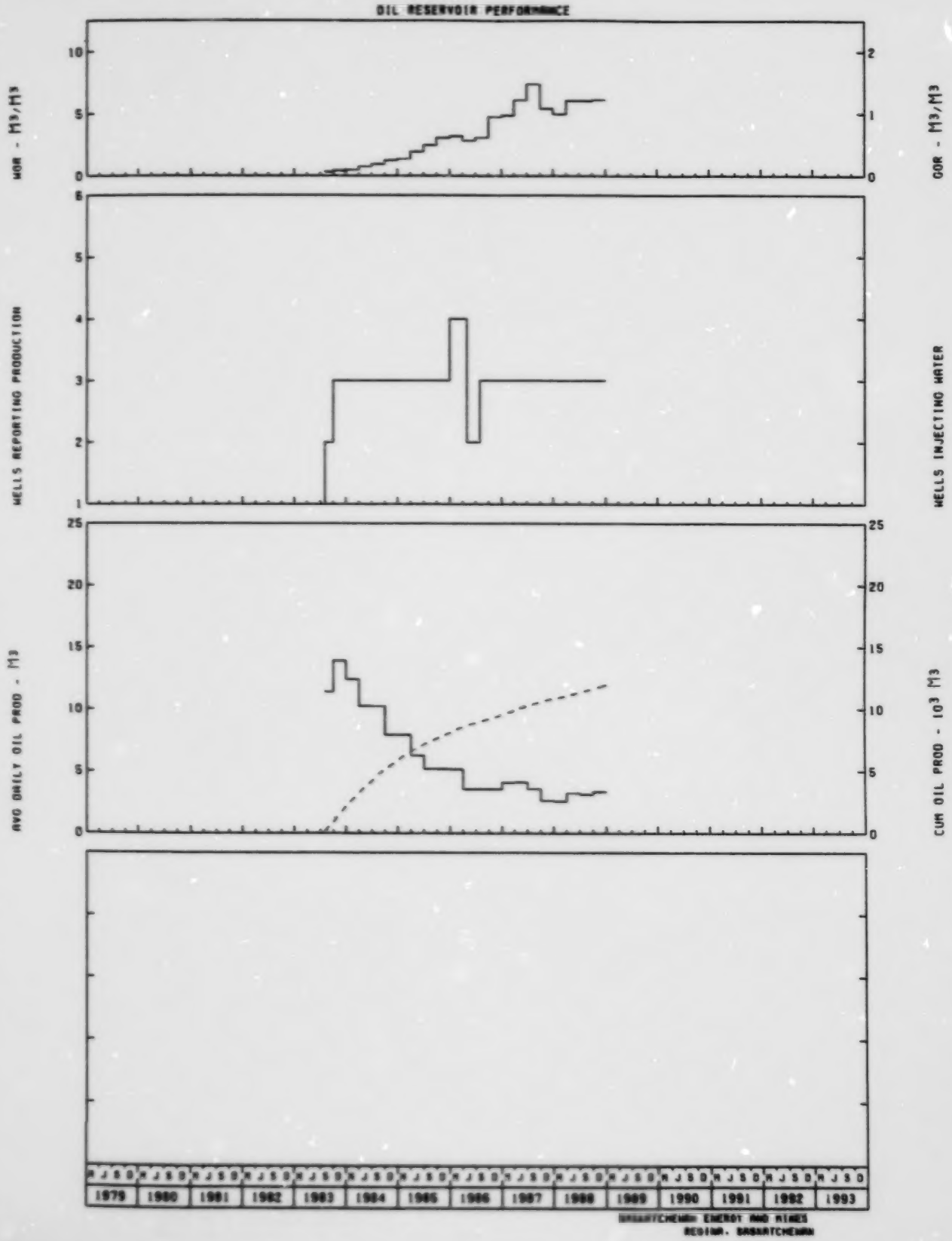
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FERTILE TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



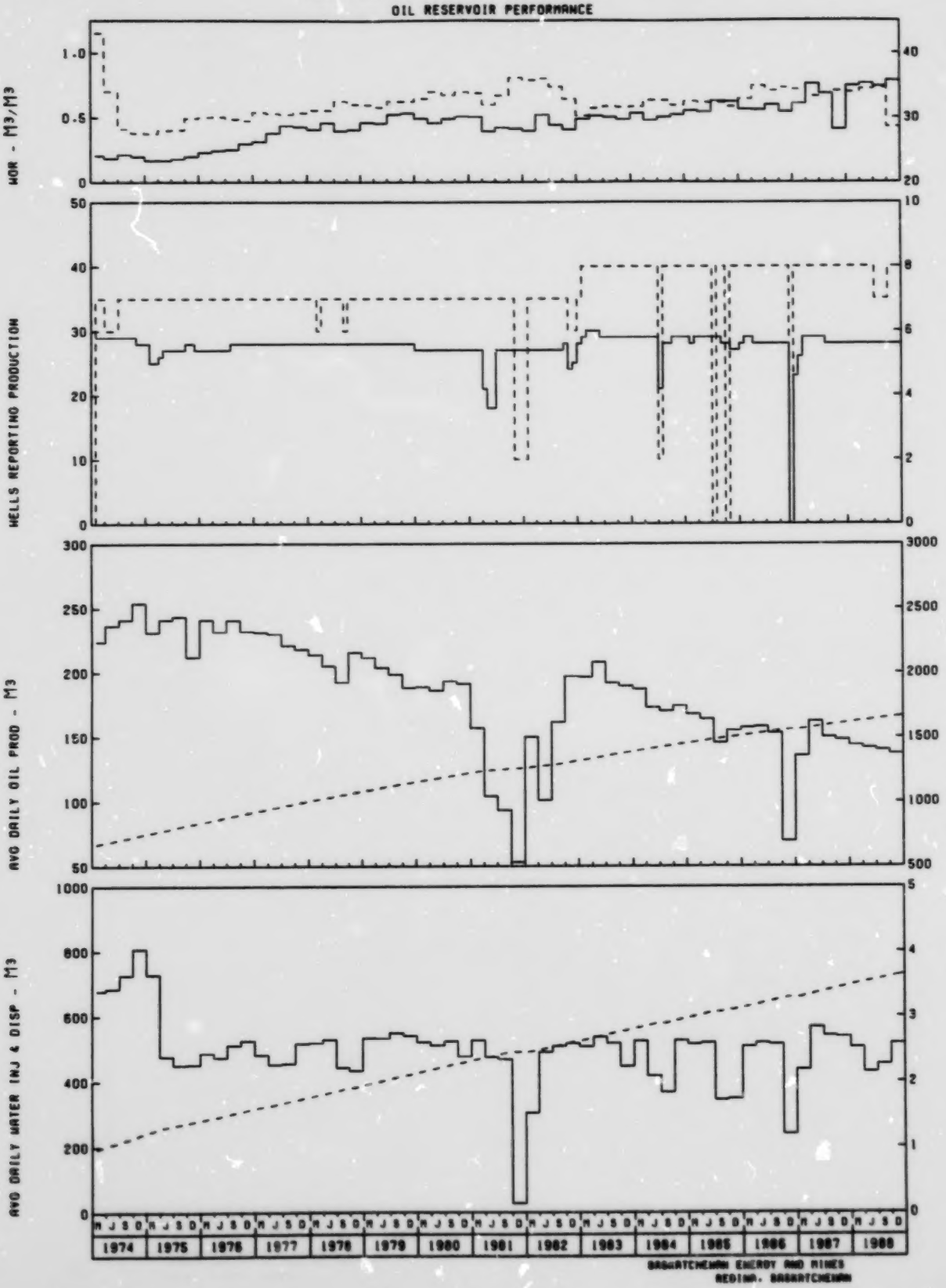
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FLAT LAKE RATCLIFFE BEDS POOL

FLAT LK RATCLIFFE VOL UNIT 1

OIL RESERVOIR PERFORMANCE



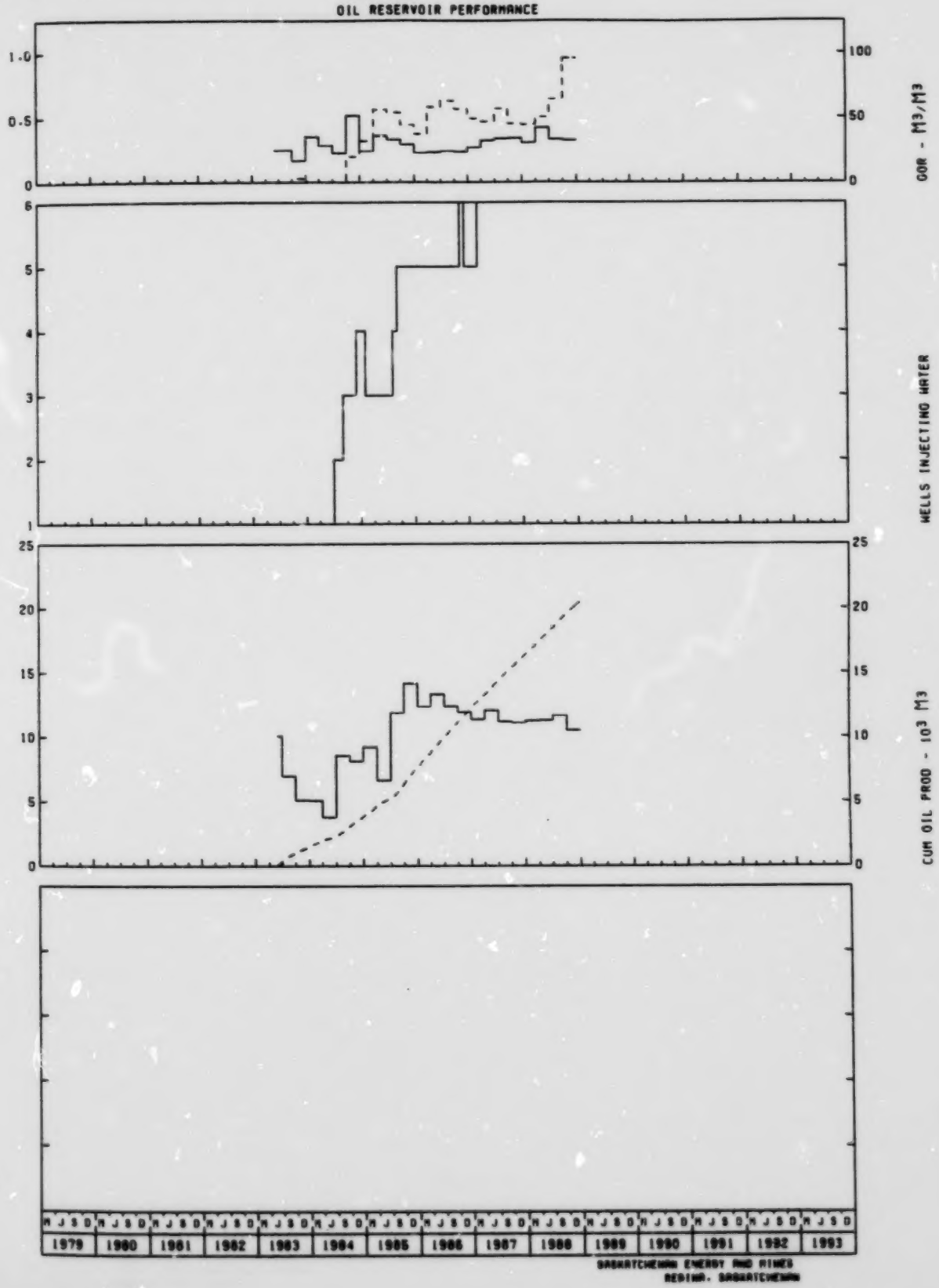
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FLAT LAKE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



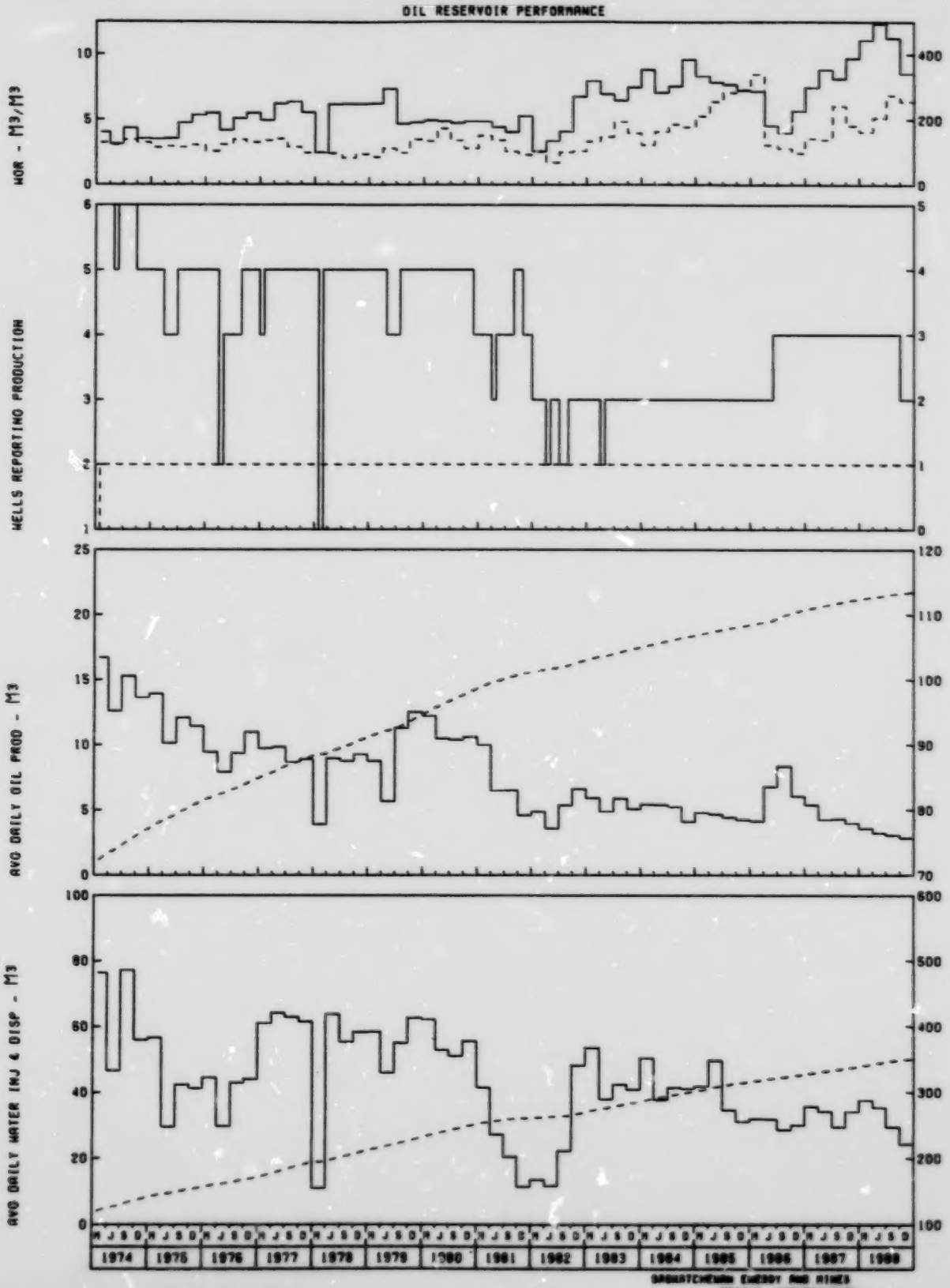
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FLORENCE FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



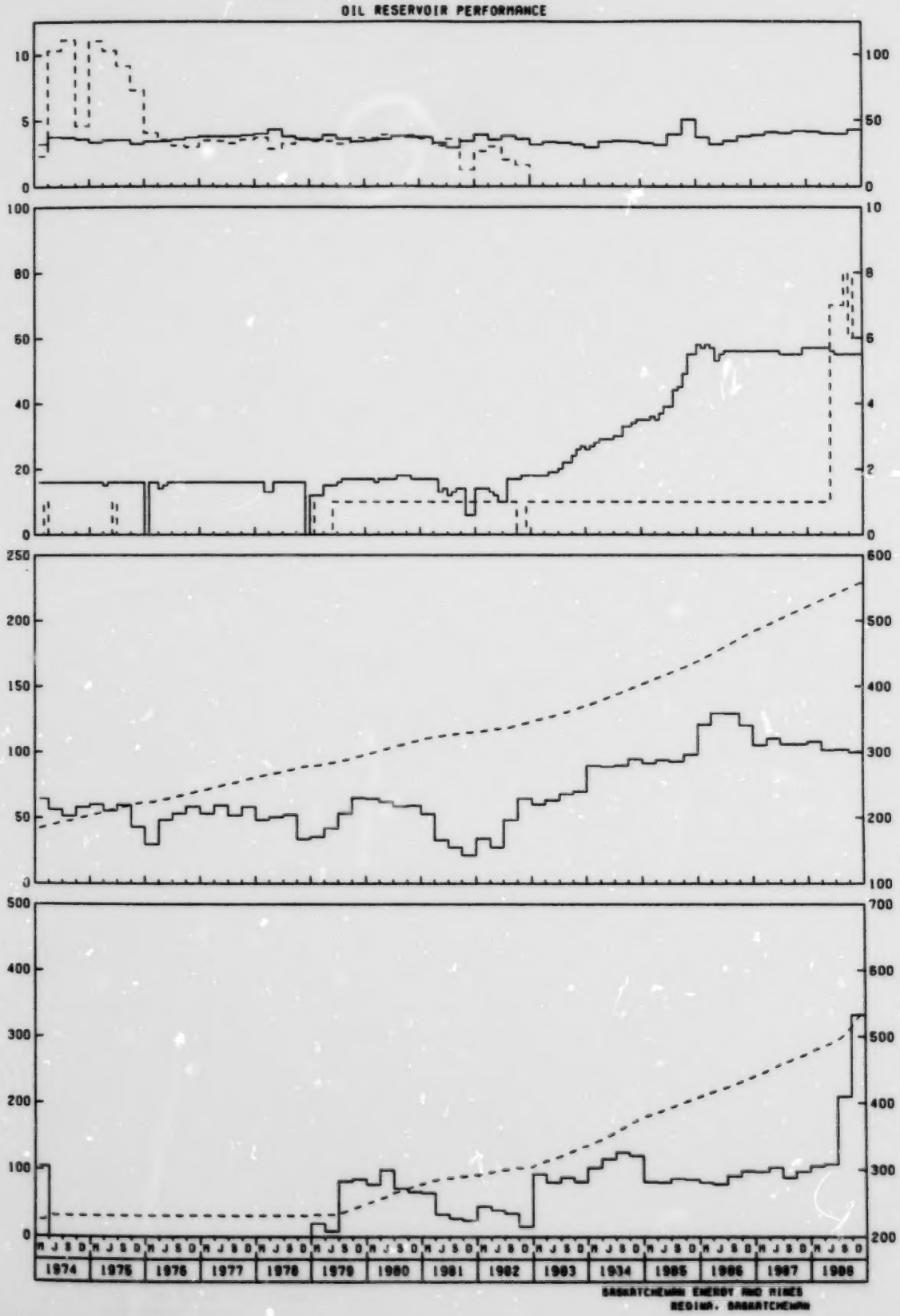
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FREDA LAKE RATCLIFFE BEDS POOL

FREDA LAKE RATCLIFFE VOL U 1

OIL RESERVOIR PERFORMANCE



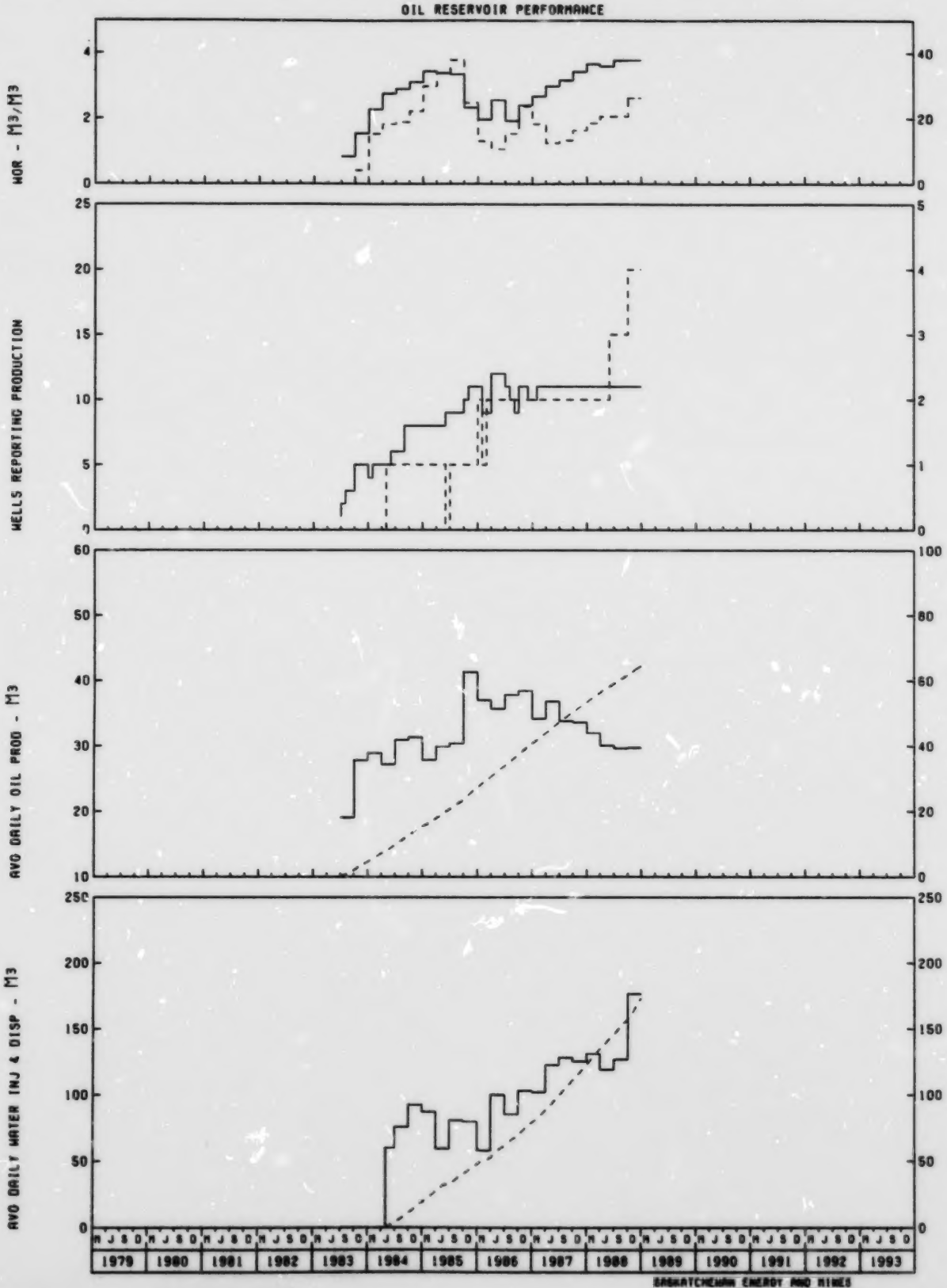
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FREDA LAKE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



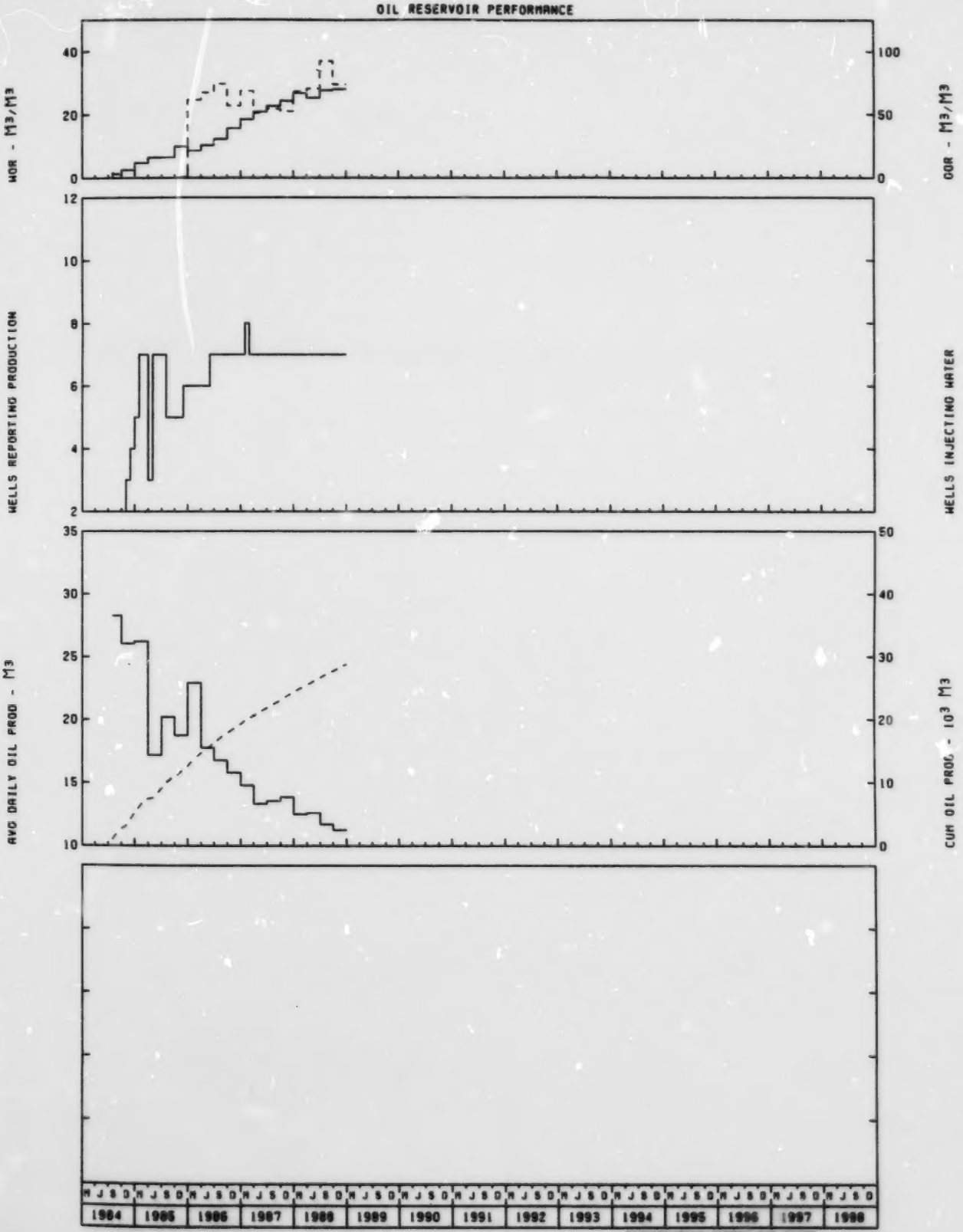
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FRYS EAST TILN SOURIS VY BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



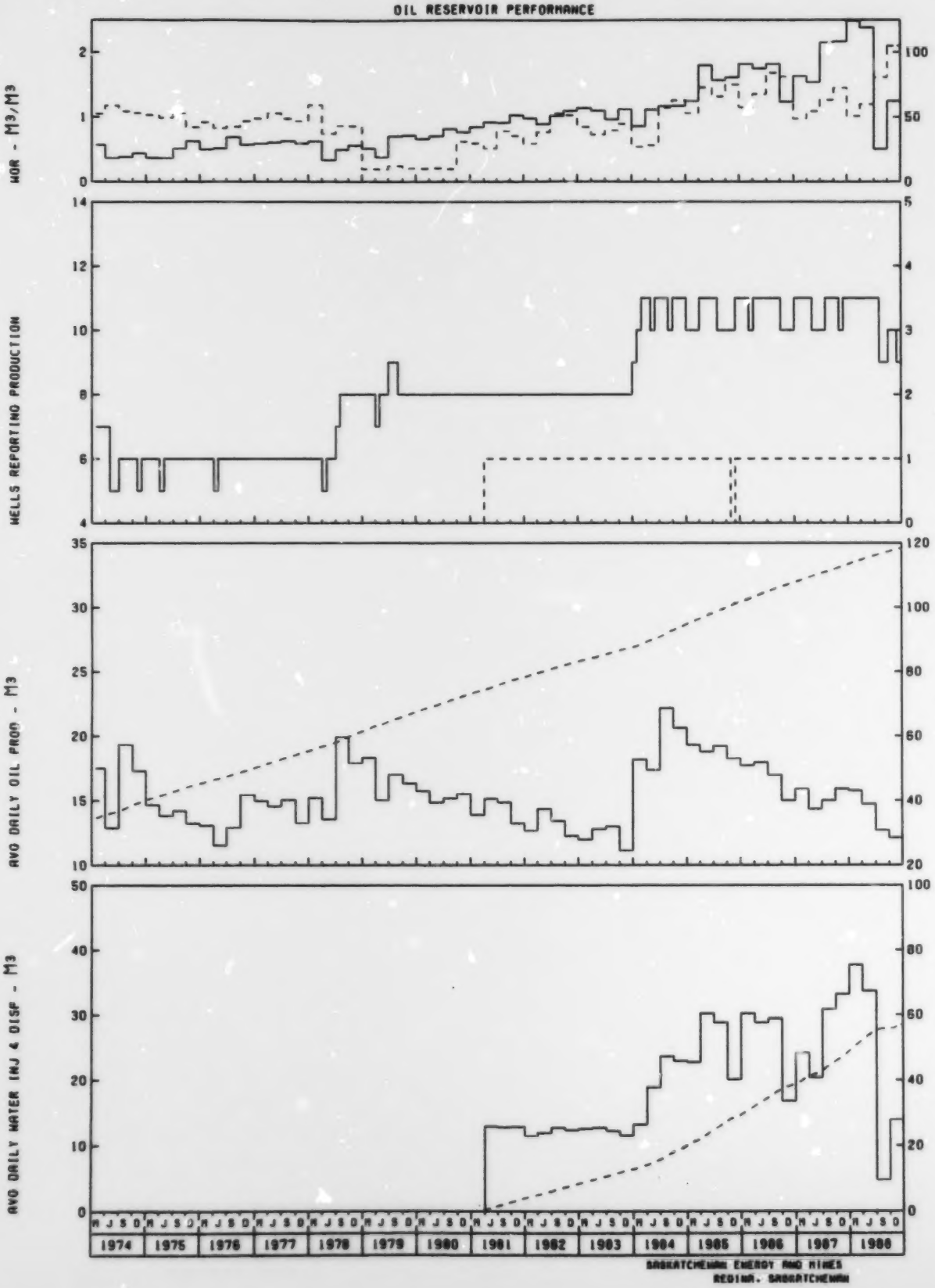
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FRYS TILSTON SOURIS VALLEY BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



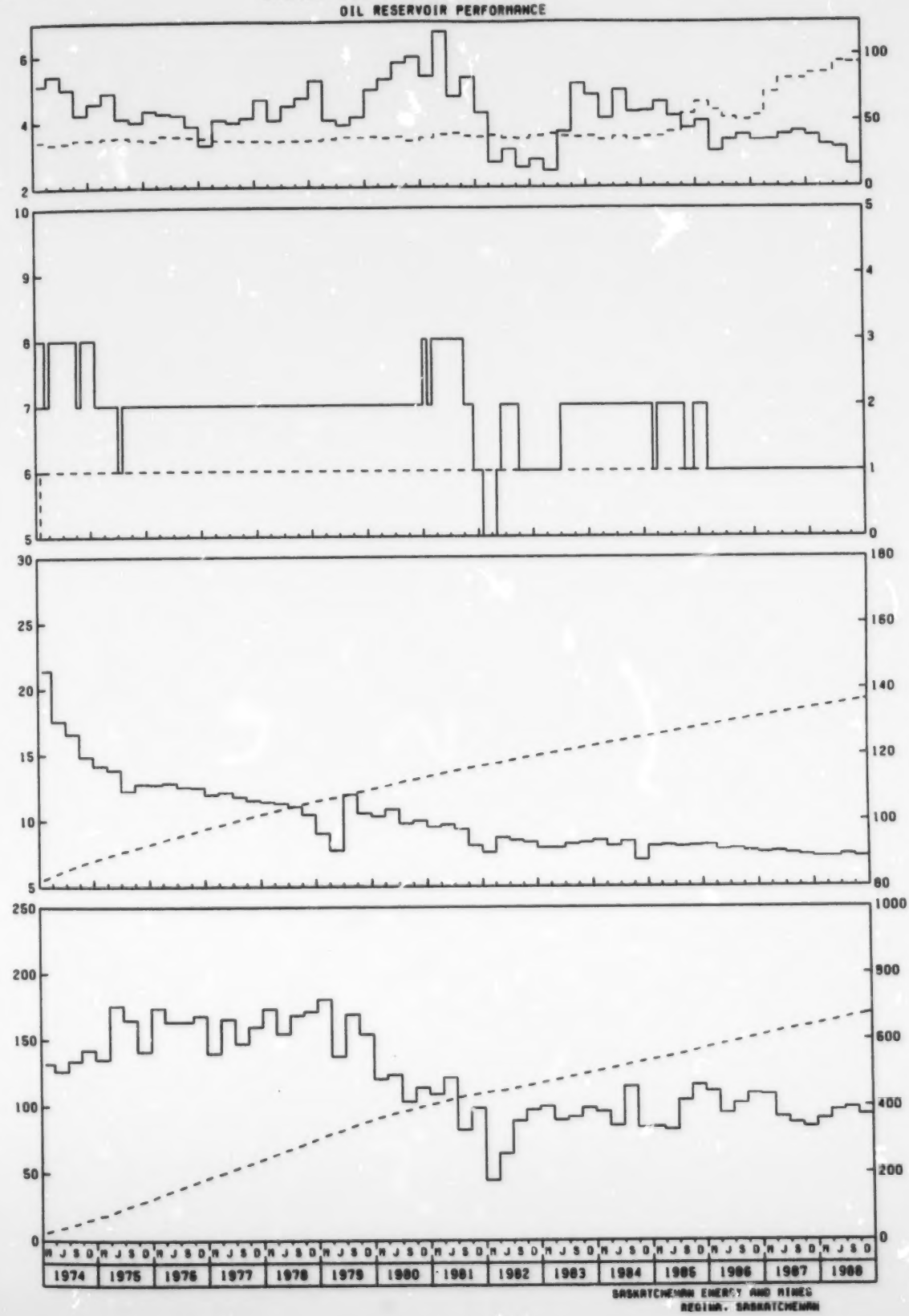
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GAINSBOROUGH FROB ALIDA BEDS PL

GAINS FROB ALIDA VOL UNIT

OIL RESERVOIR PERFORMANCE



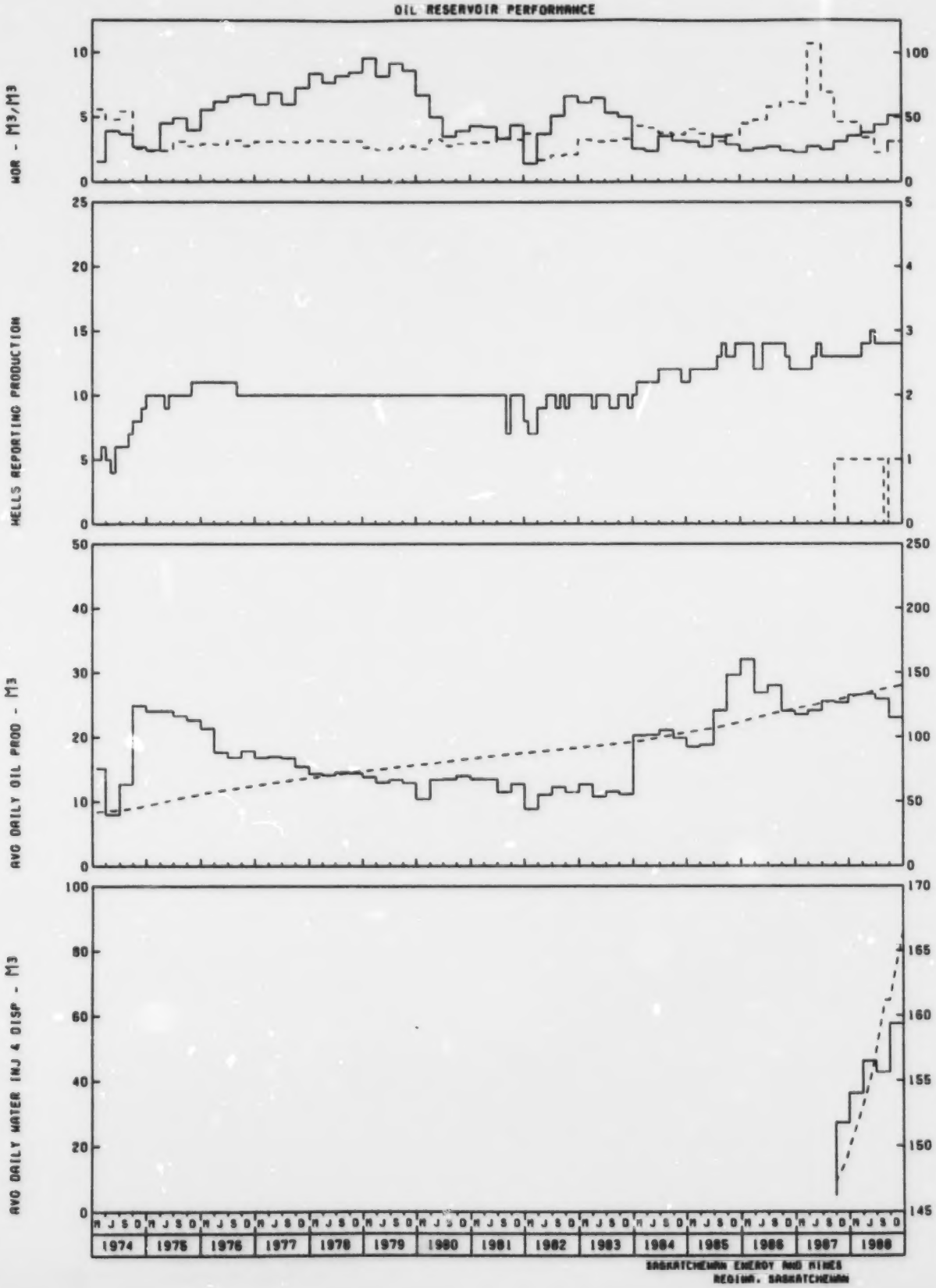
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GAINSBOROUGH FROB ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



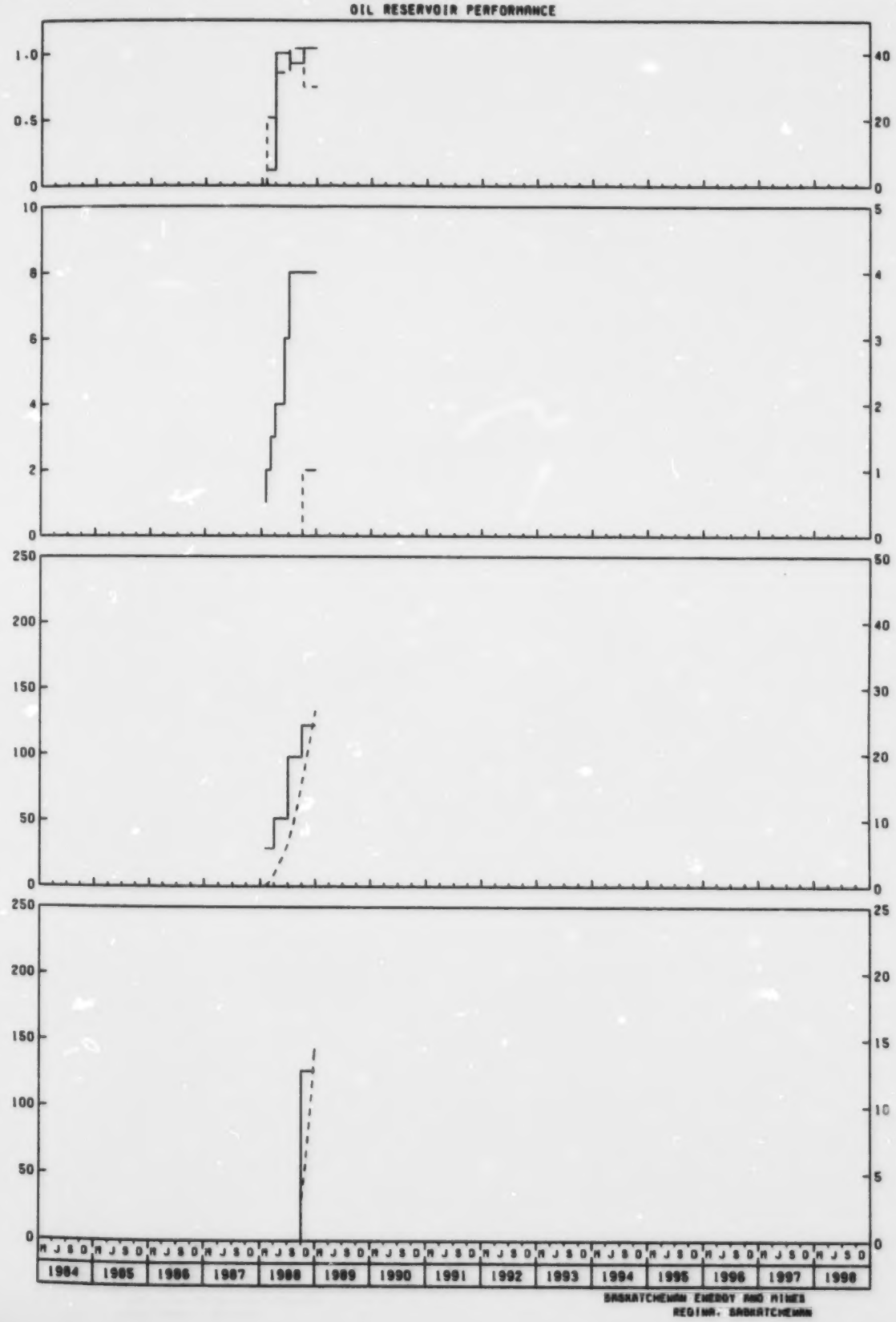
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GAINSBOROUGH N FROB-ALIDA BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



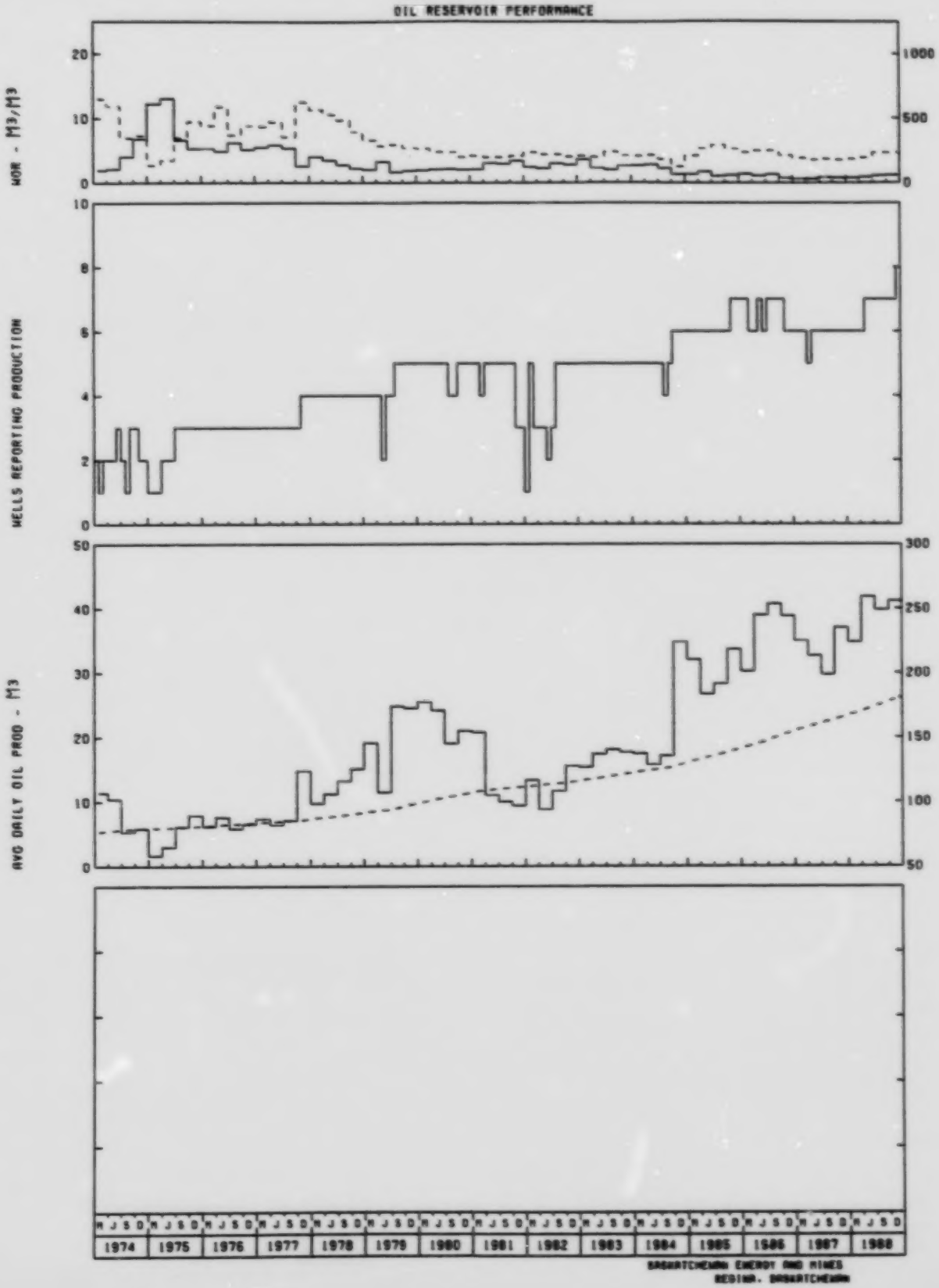
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GLEN EWEN FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



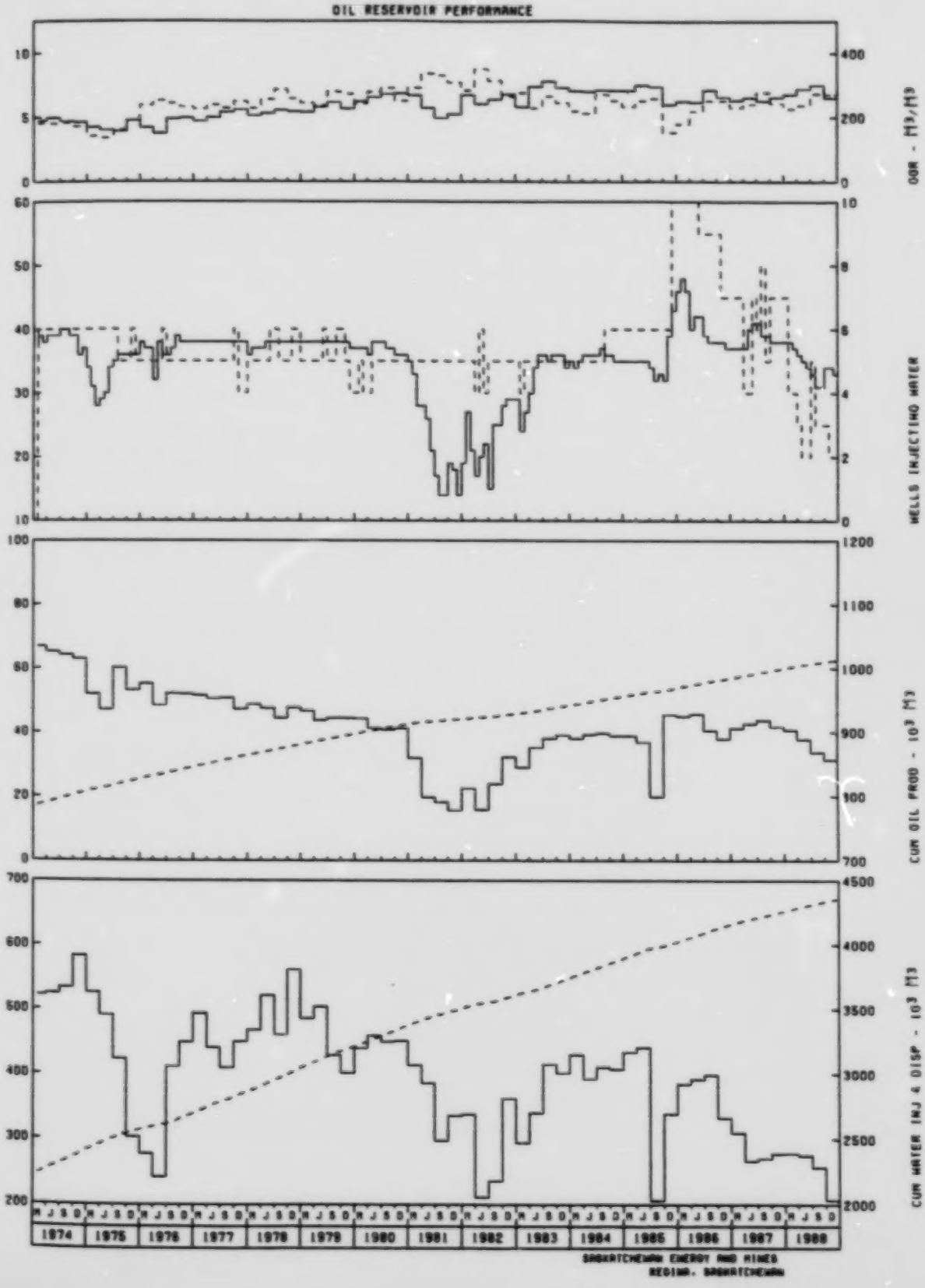
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GLEN EWEN MIDALE BEDS POOL

GLEN EWEN UNIT

OIL RESERVOIR PERFORMANCE



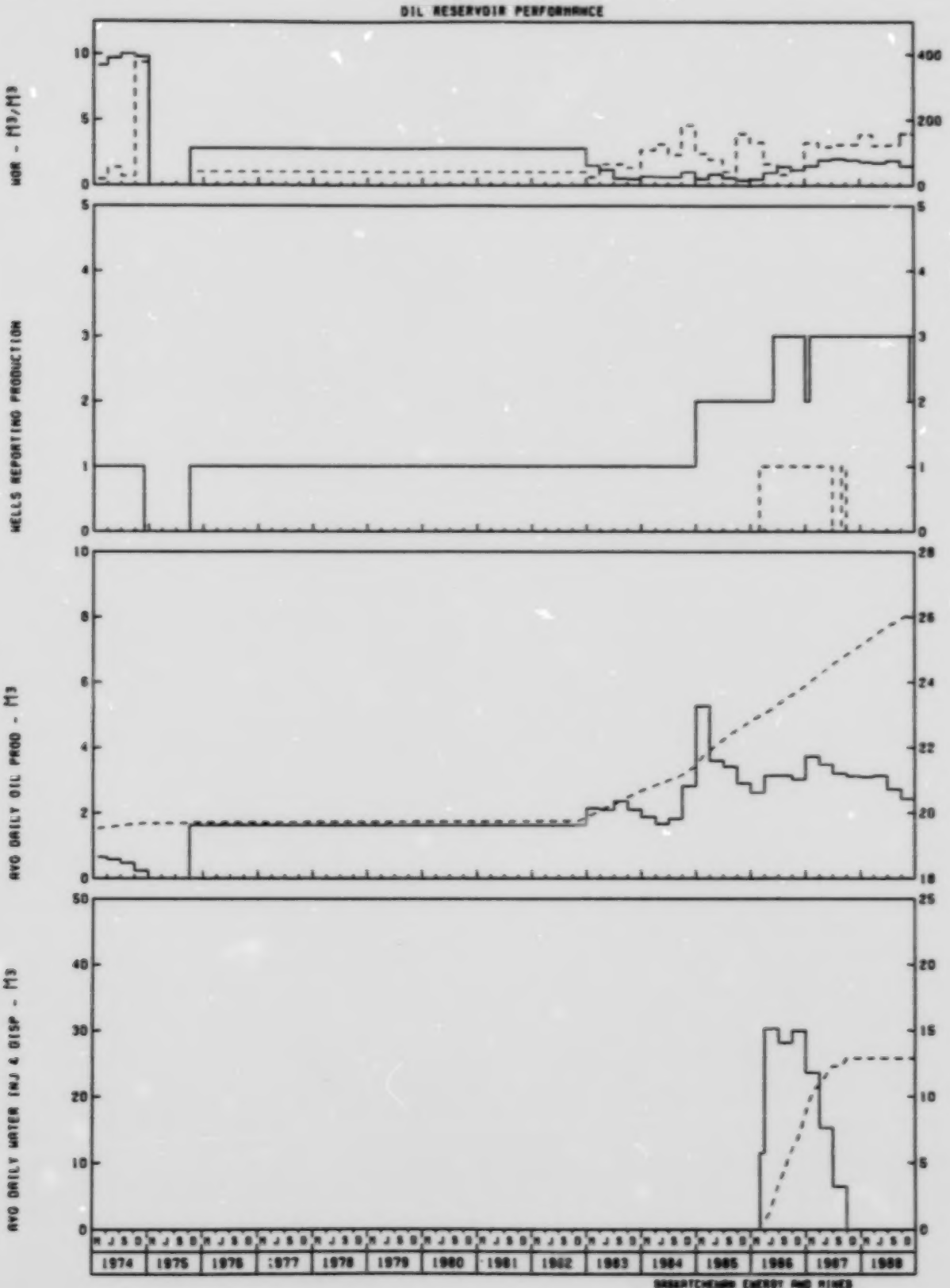
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GLEN EWEN MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



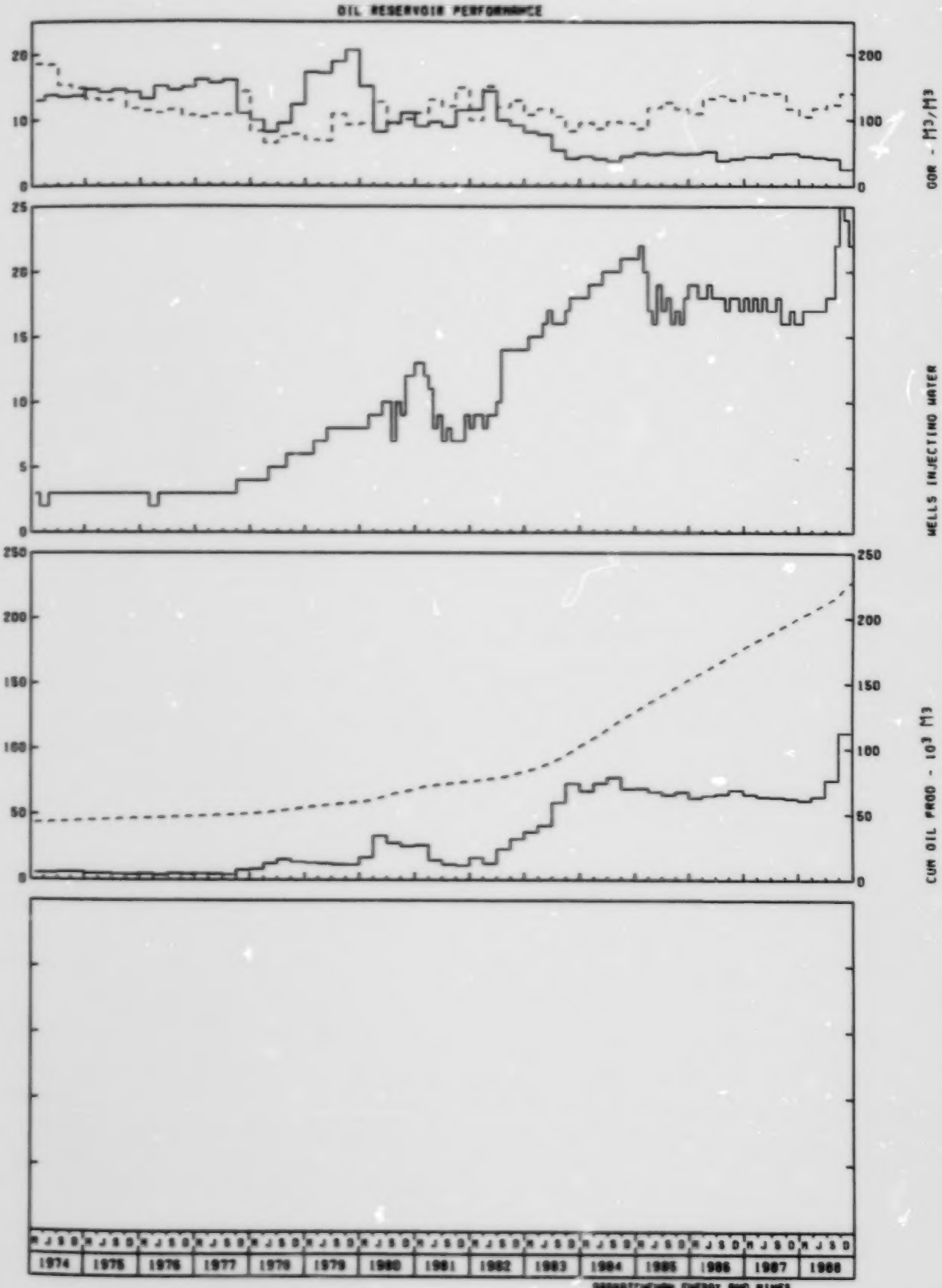
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HASTINGS EAST FROBISHER BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

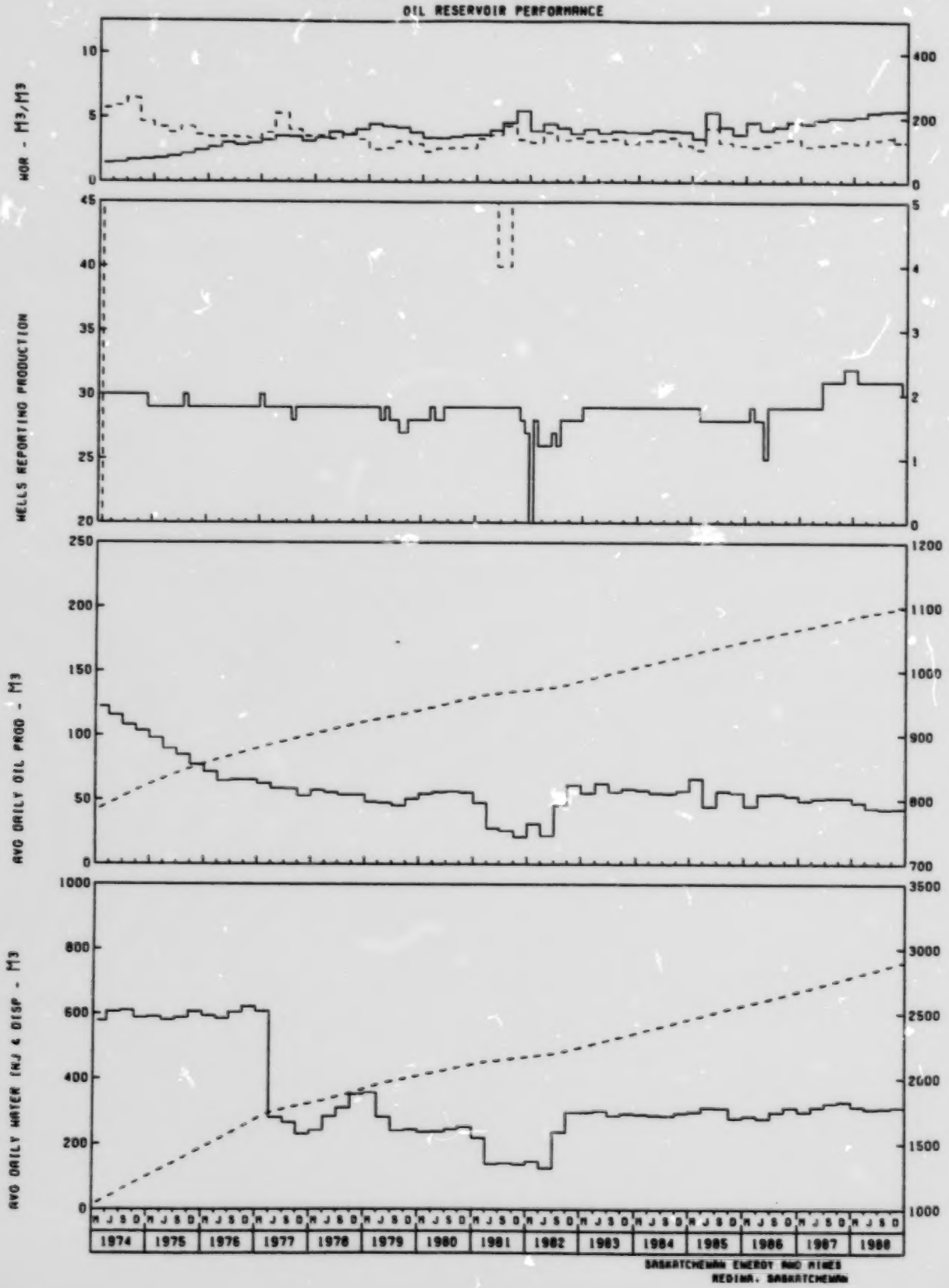


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

HASTINGS FROBISHER BEDS POOL

HASTINGS FROB BD VOL UNIT 1

OIL RESERVOIR PERFORMANCE



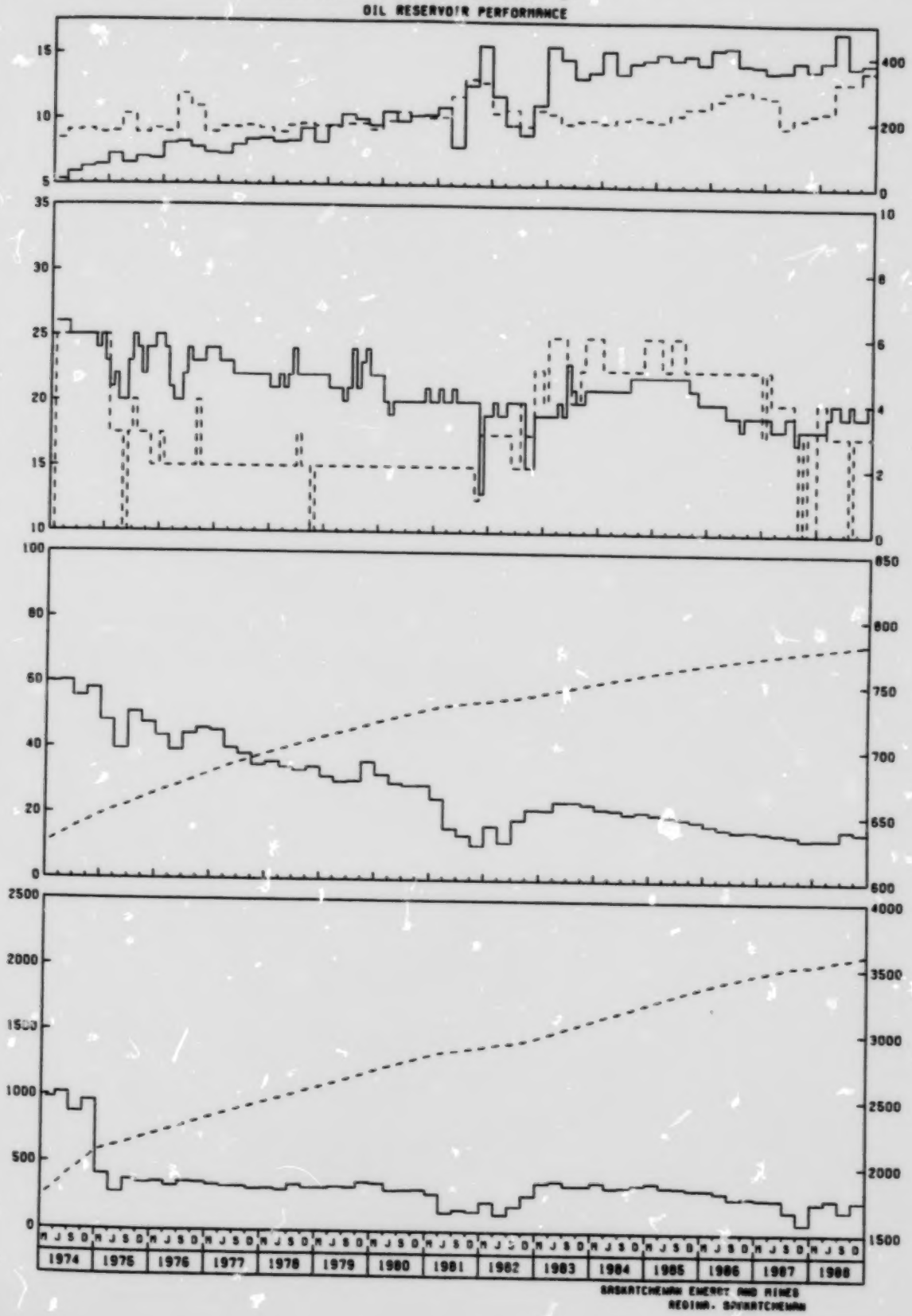
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HASTINGS FROBISHER BEDS POOL

HASTINGS FROB BD VOL UNIT 2

OIL RESERVOIR PERFORMANCE



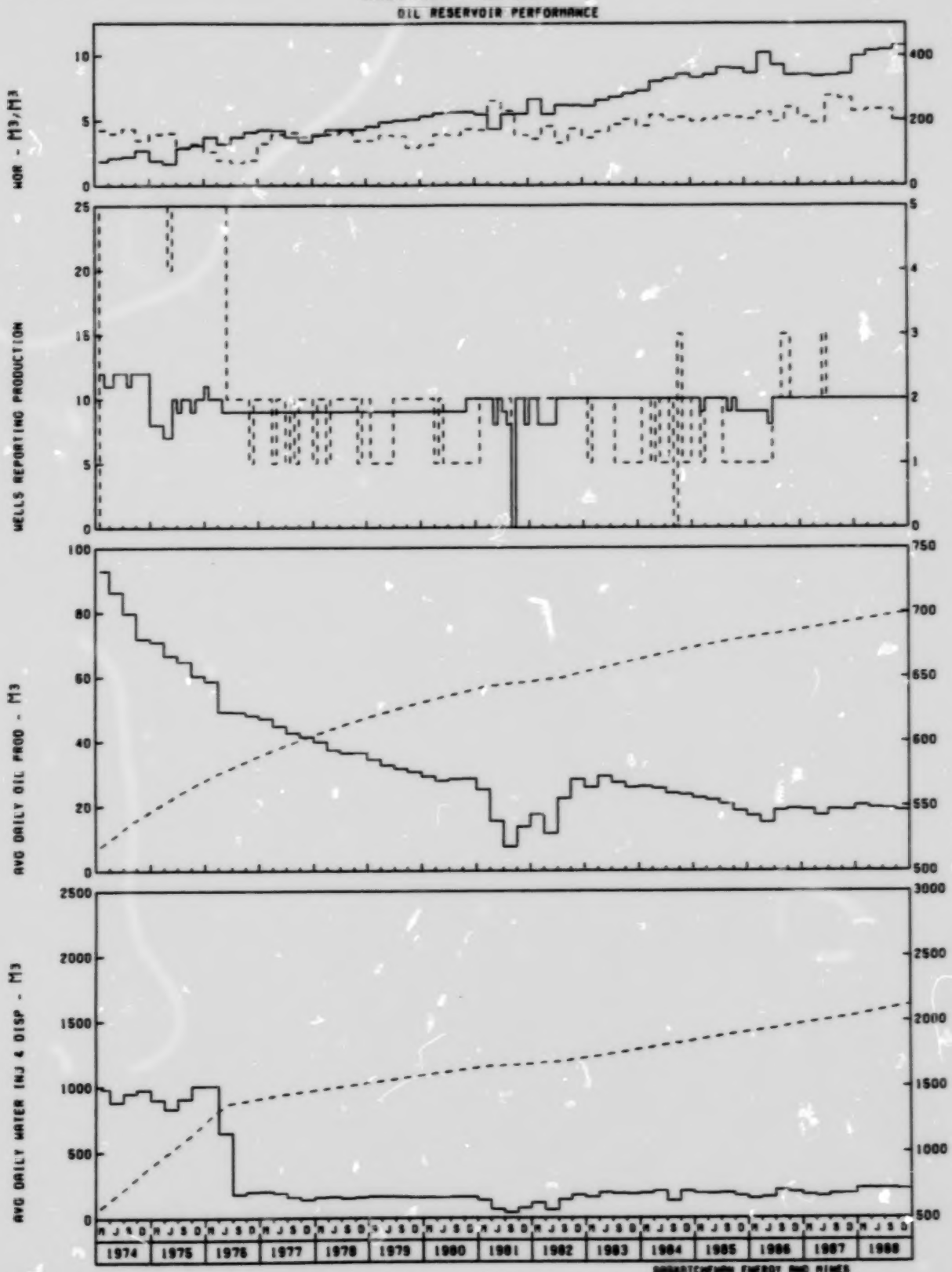
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HASTINGS FROBISHER BEDS POOL

HASTINGS FROB UNIT

OIL RESERVOIR PERFORMANCE



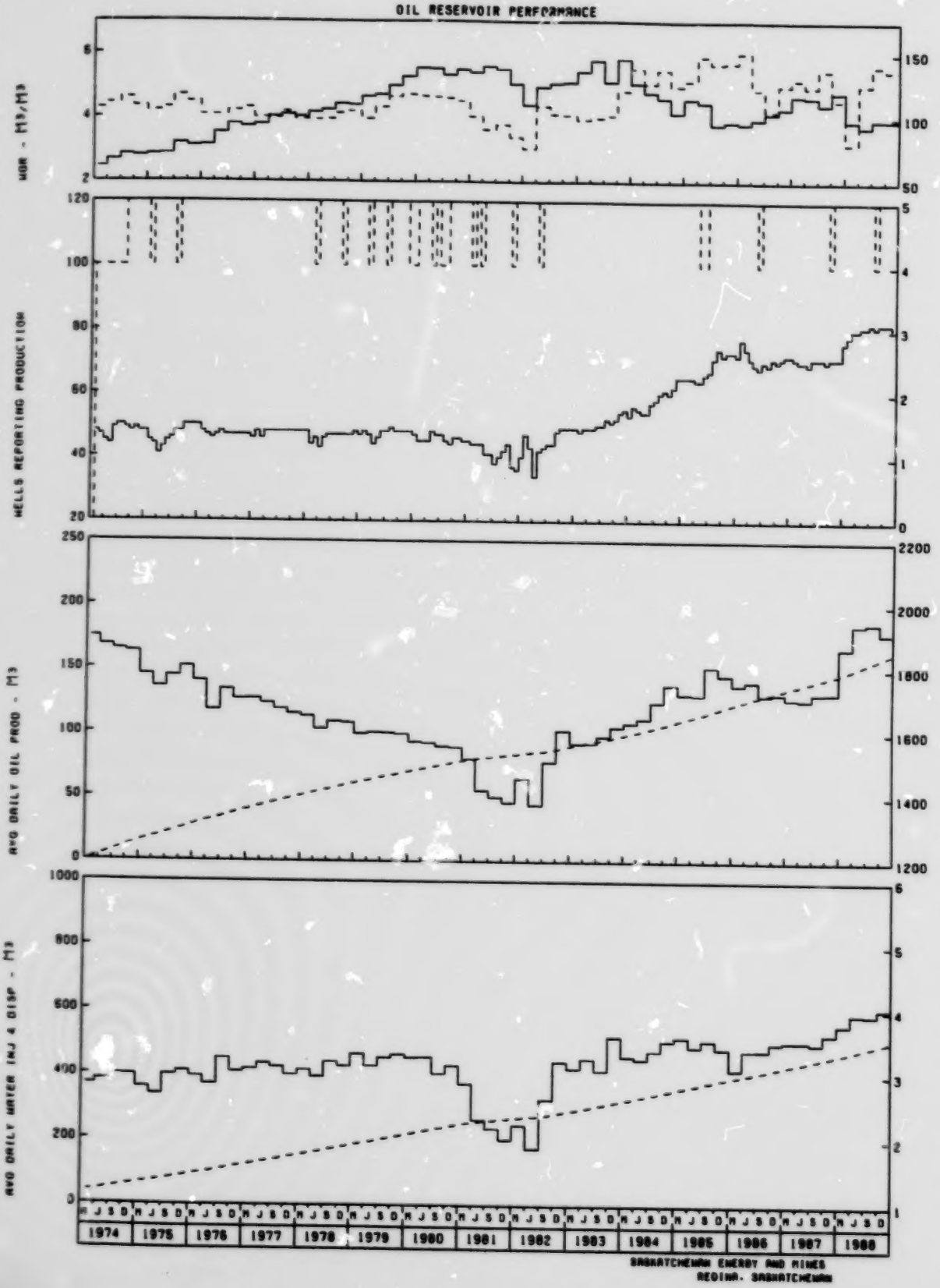
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HASTINGS FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



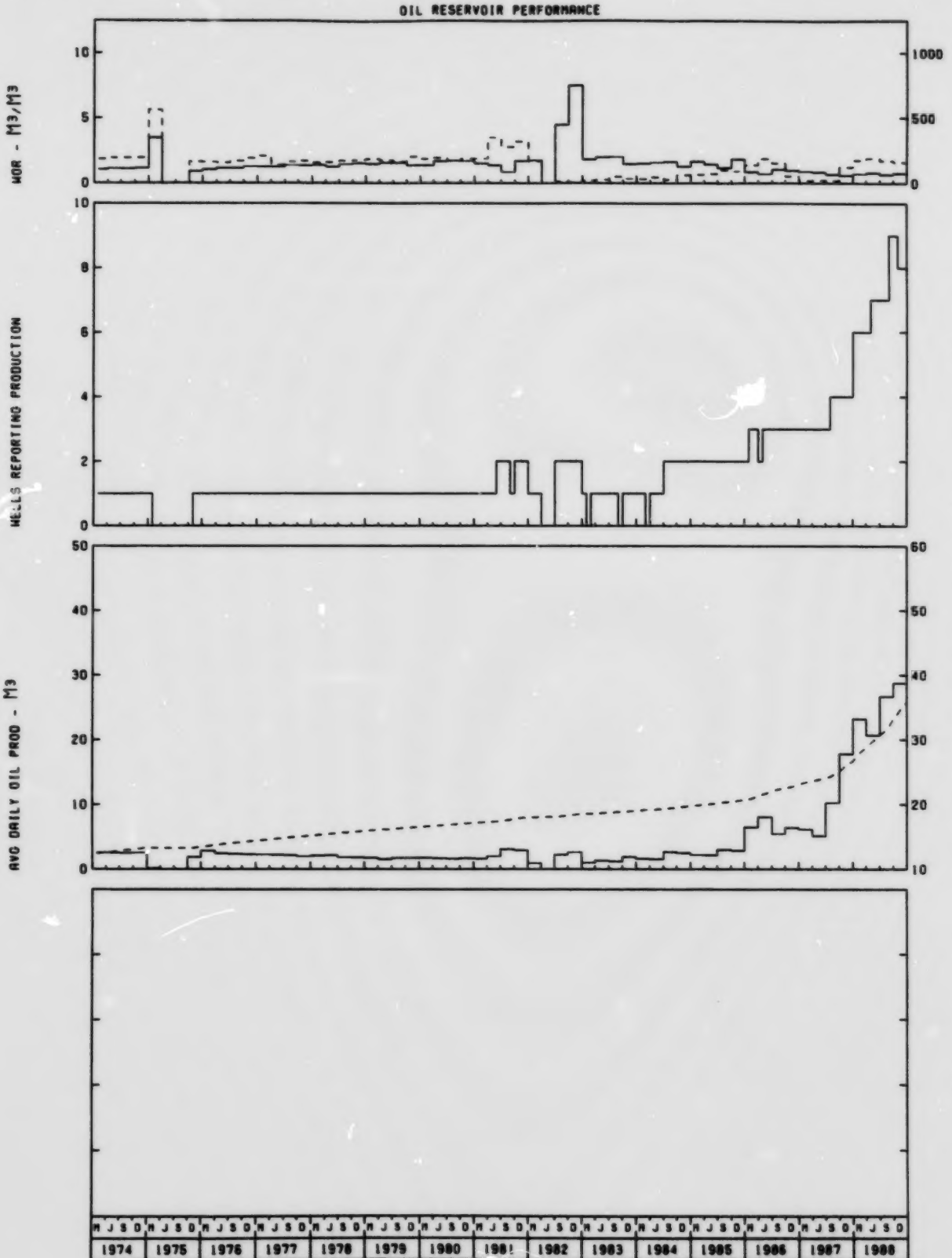
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HASTINGS WEST FROBISHER BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



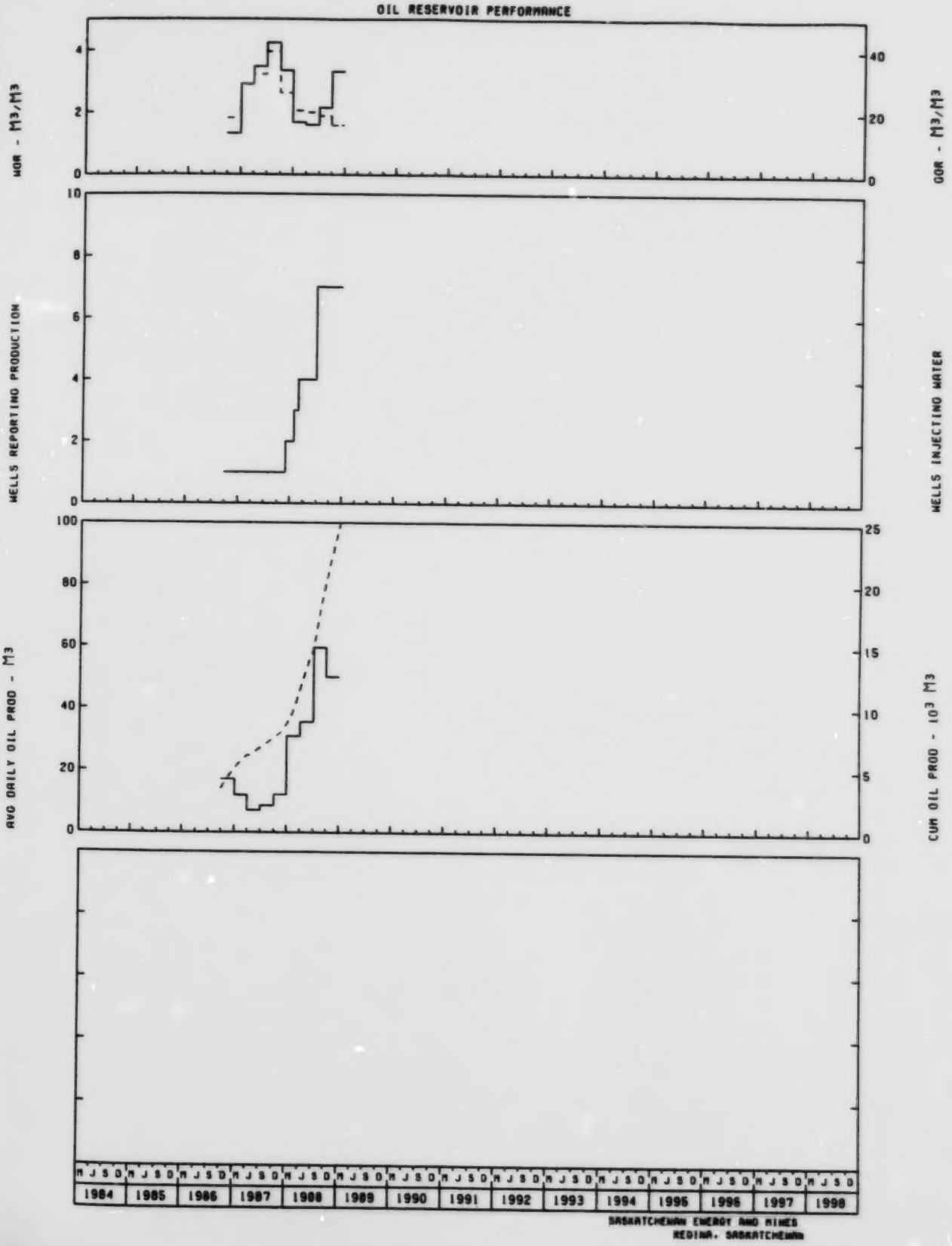
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HAZELWOOD SOUTH TILSTON BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



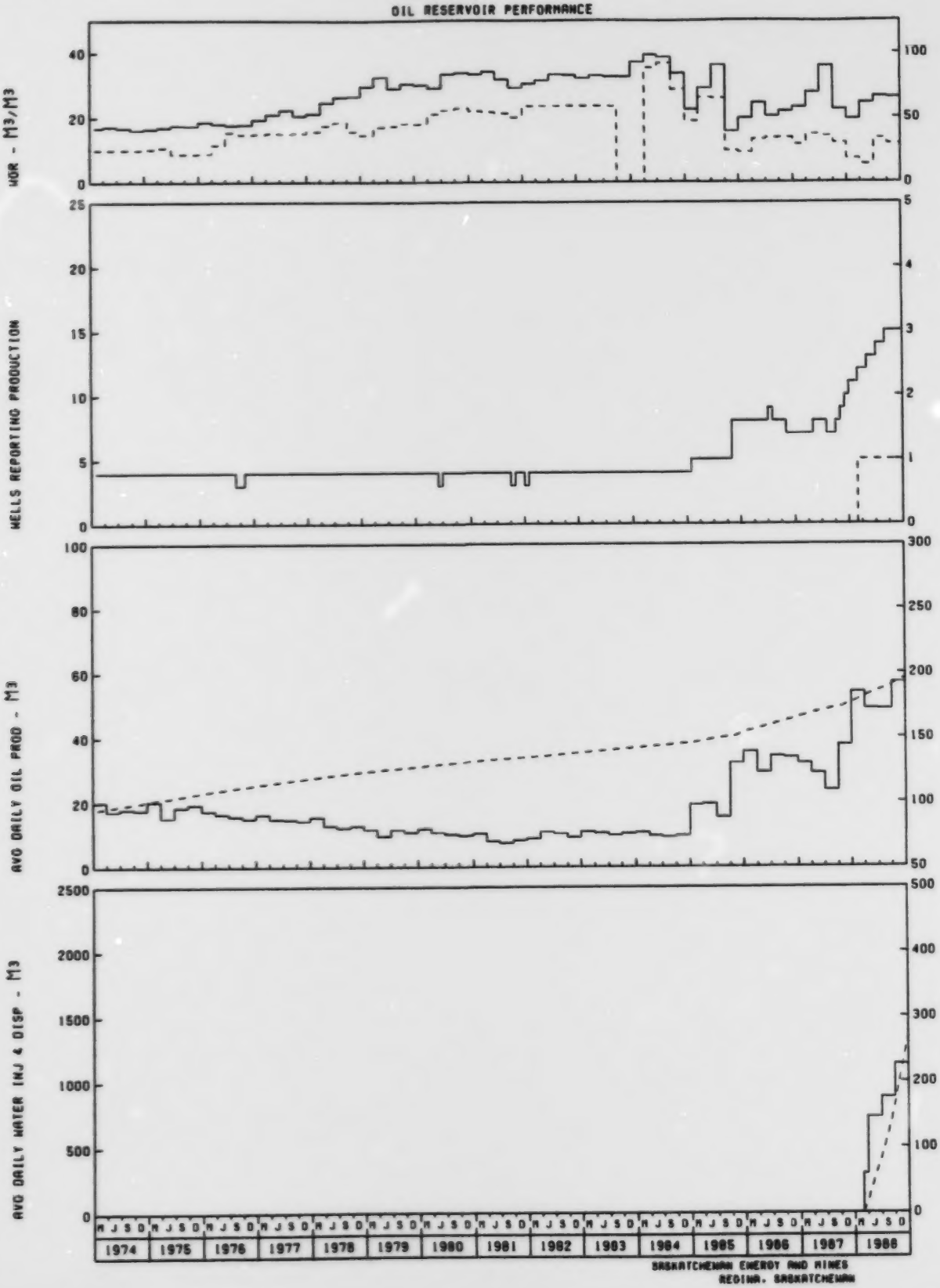
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HAZELWOOD TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



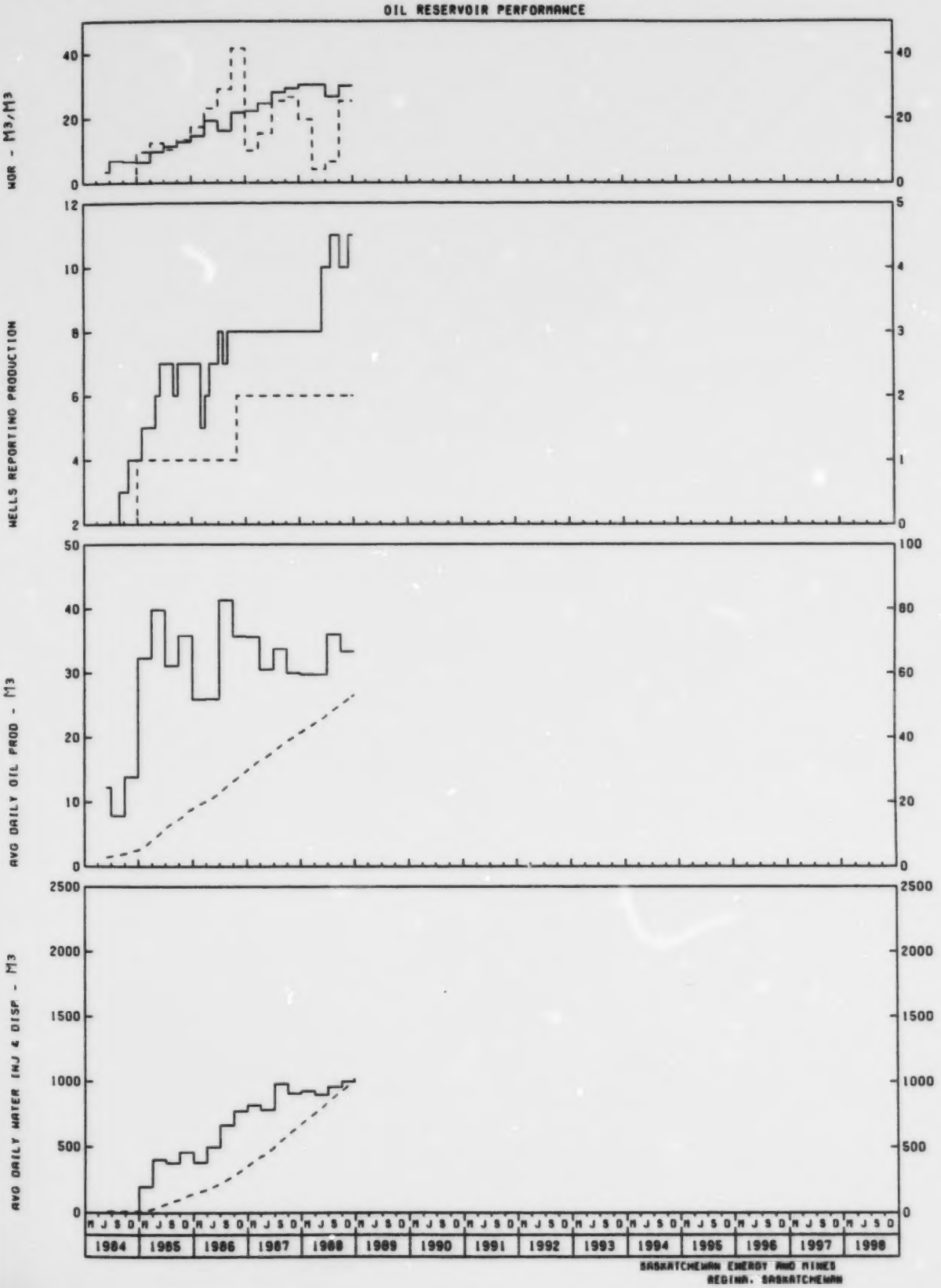
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HAZELWOOD WEST TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

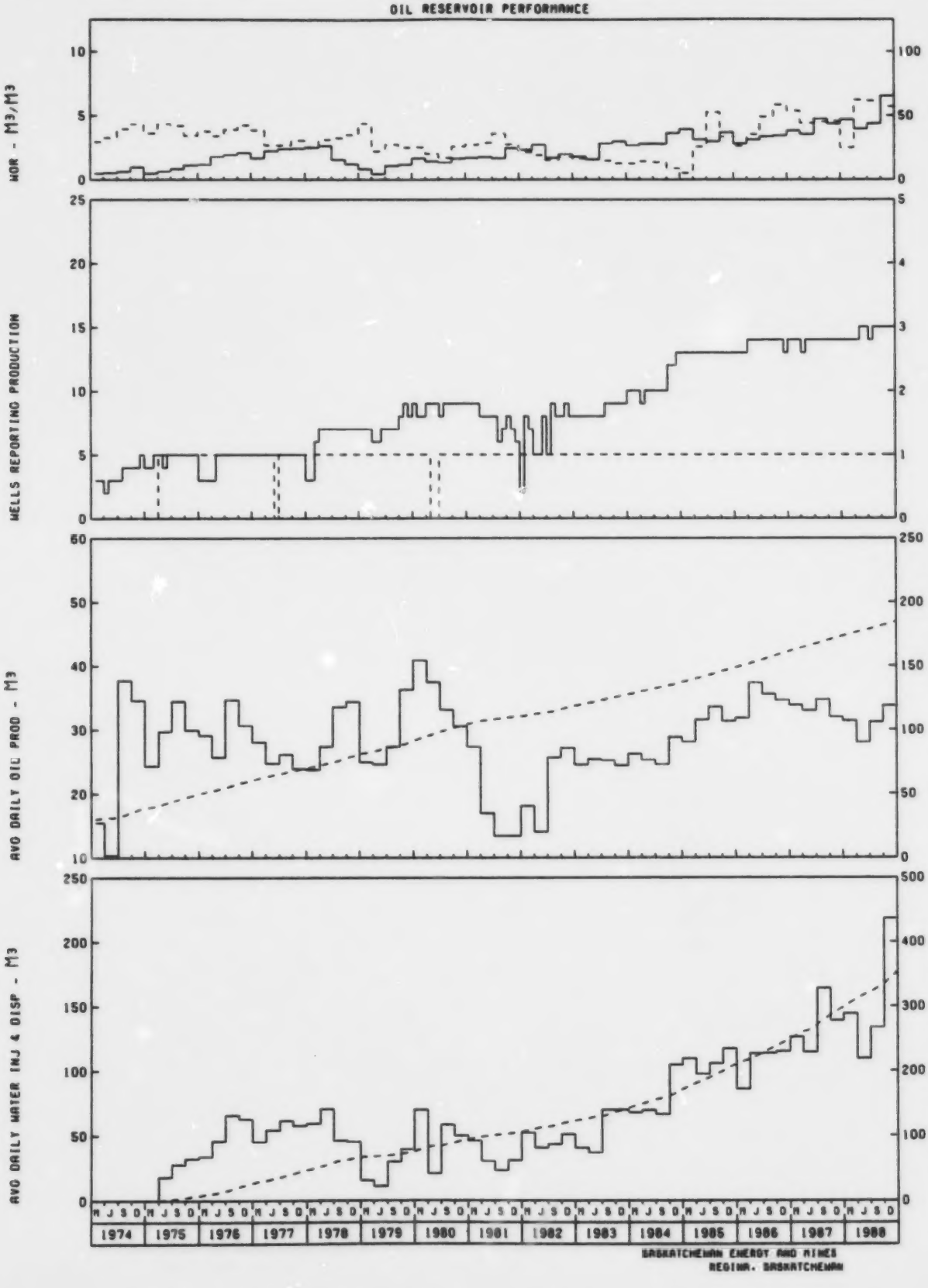


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

HOFFER RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

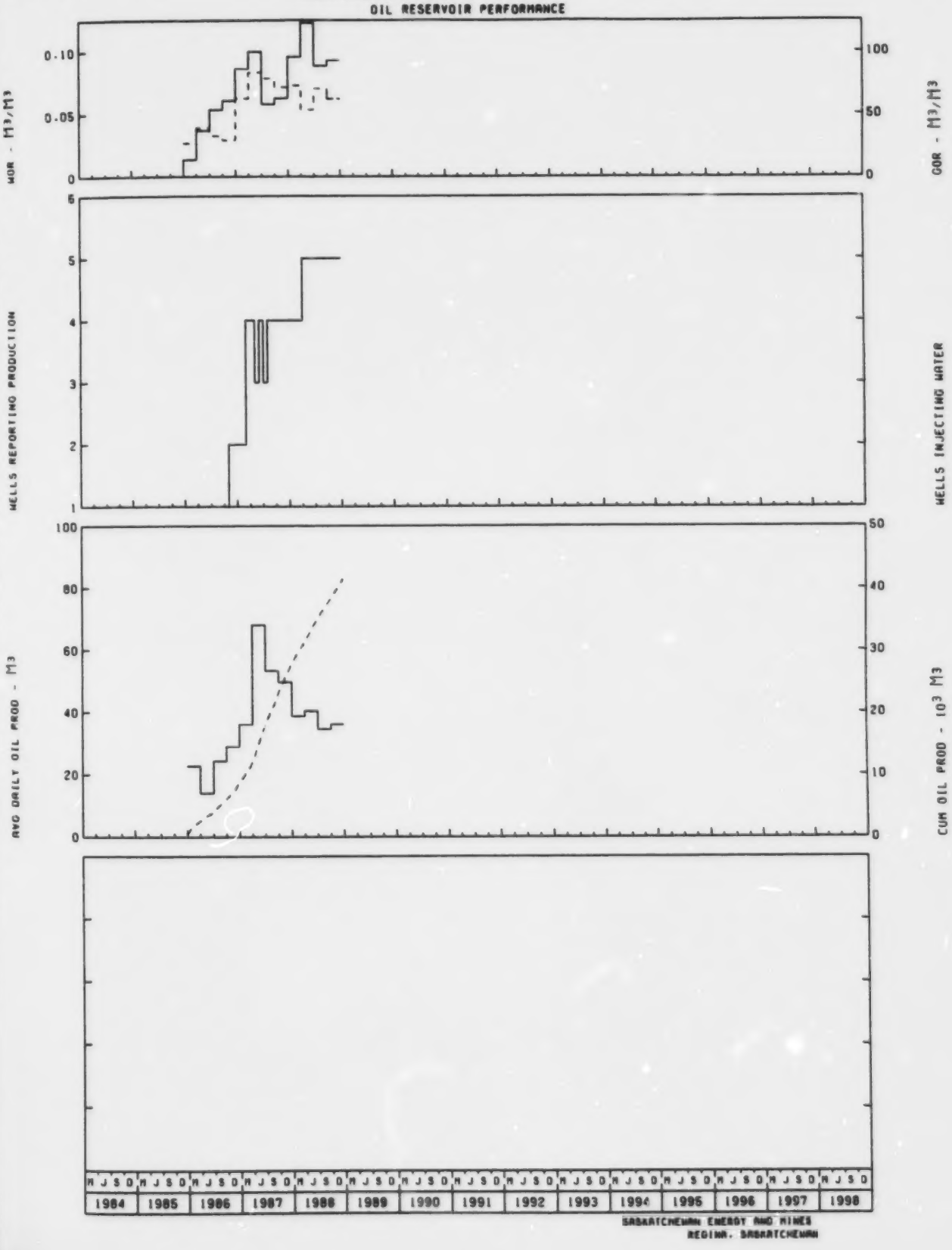


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUMMINGBIRD BAKKEN SNAD POOL

HUMMINGBIRD BAKKEN VOL U 1

OIL RESERVOIR PERFORMANCE



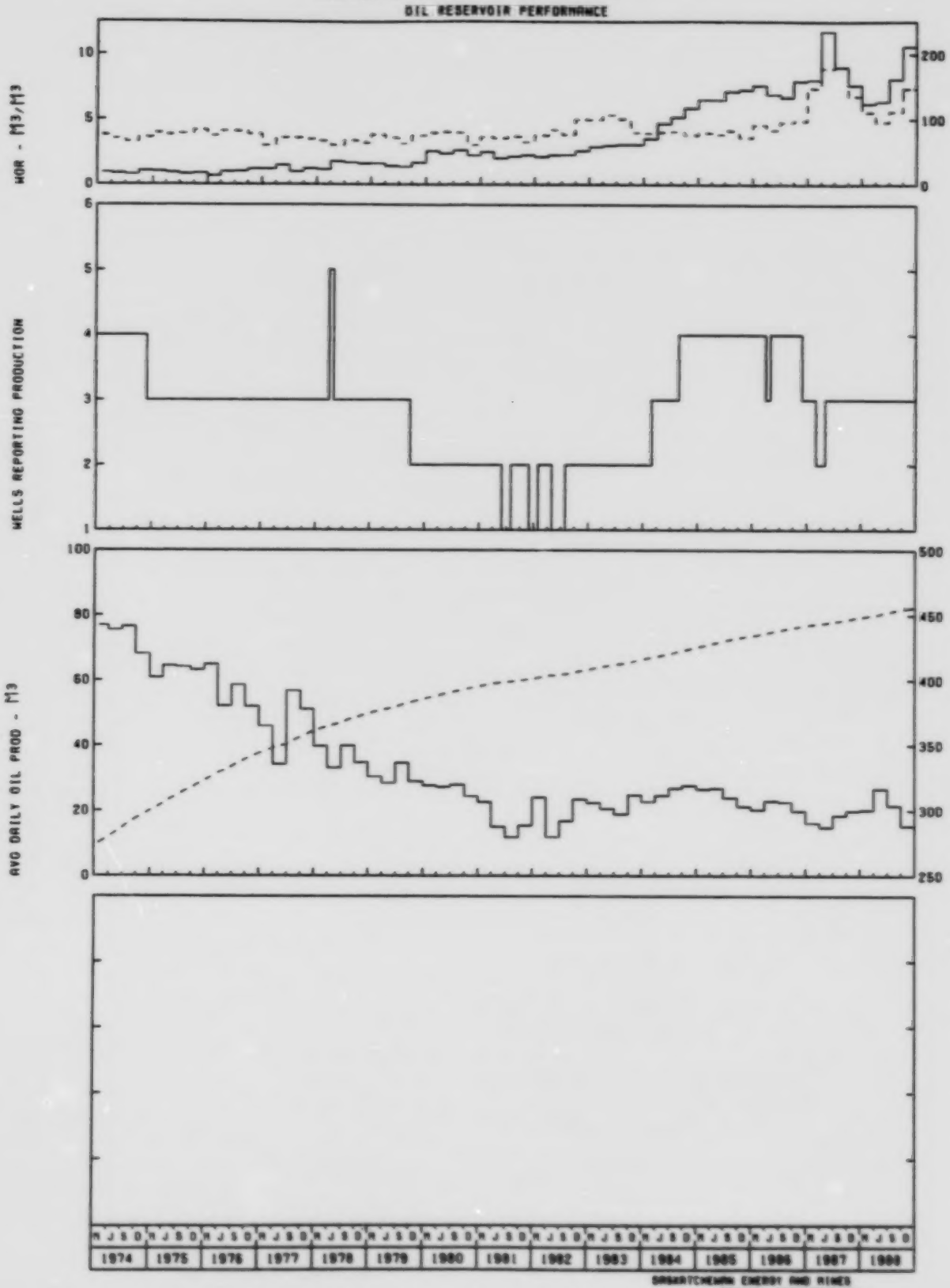
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUMMINGBIRD BIRDBEAR POOL

HUMMBIRD BIRDBEAR VOL UNIT 1

OIL RESERVOIR PERFORMANCE



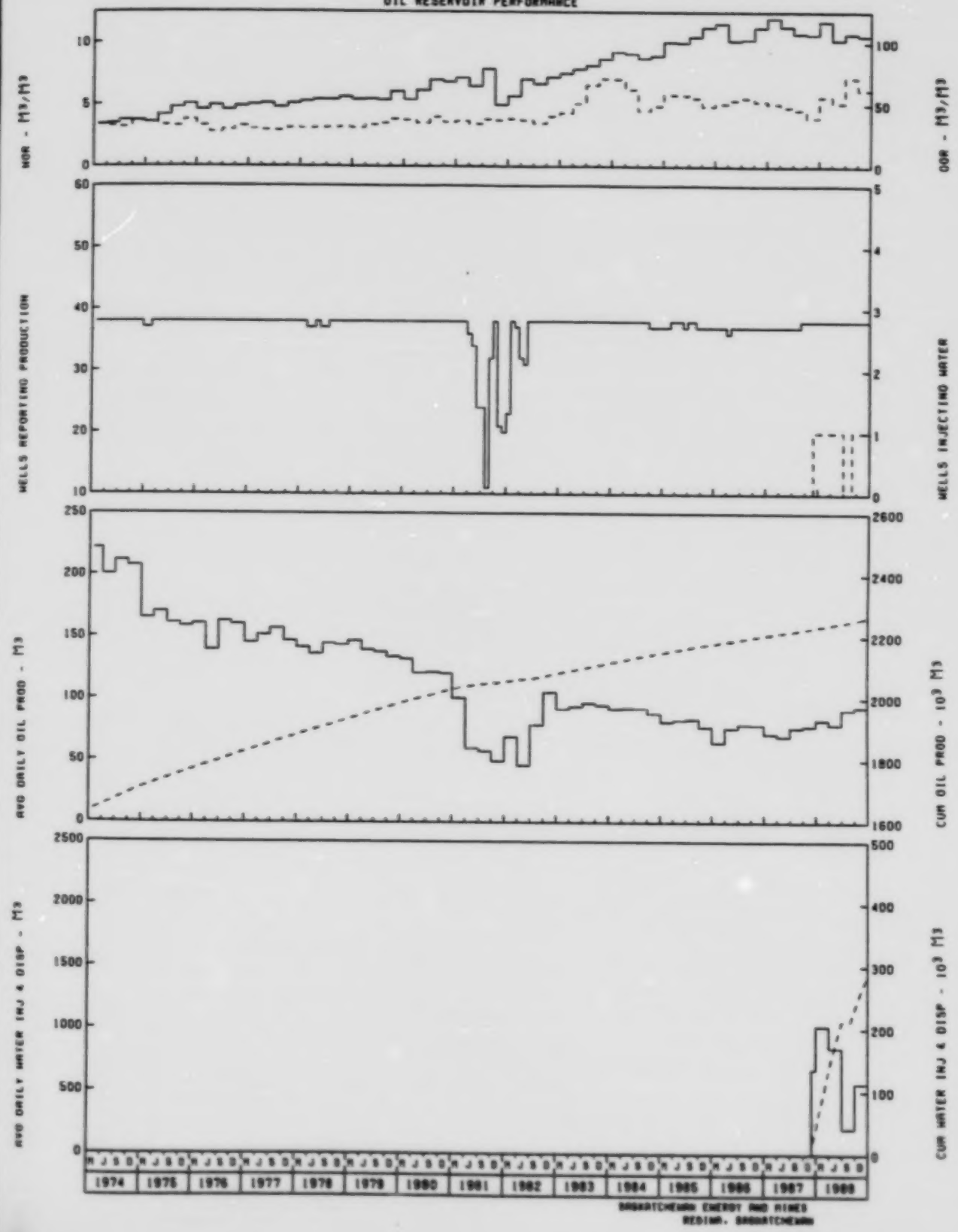
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

INGOLDSBY FROB ALIDA BEDS POOL

INGOLDSBY M C VOL UNIT

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



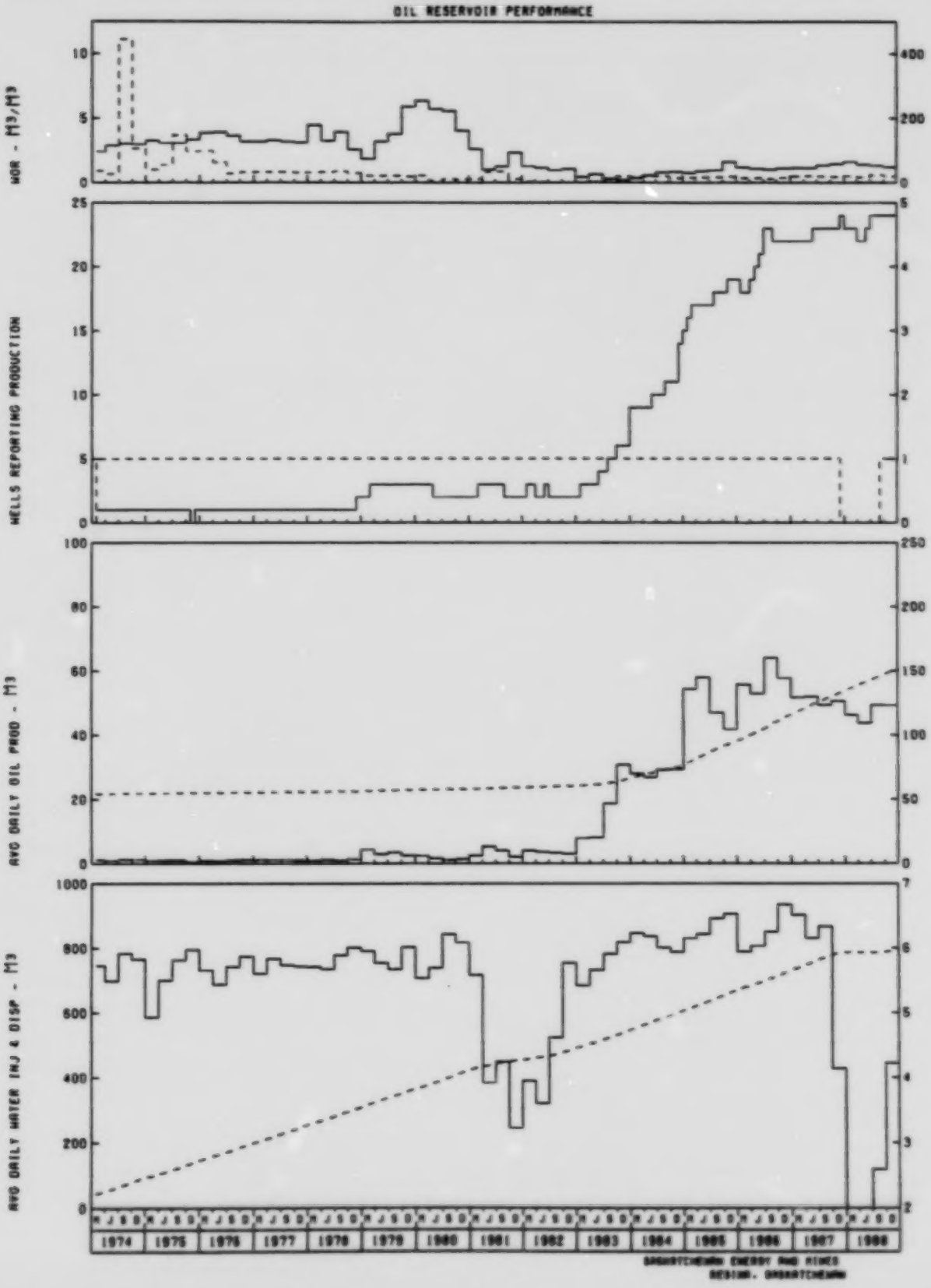
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

INGOLDSBY FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

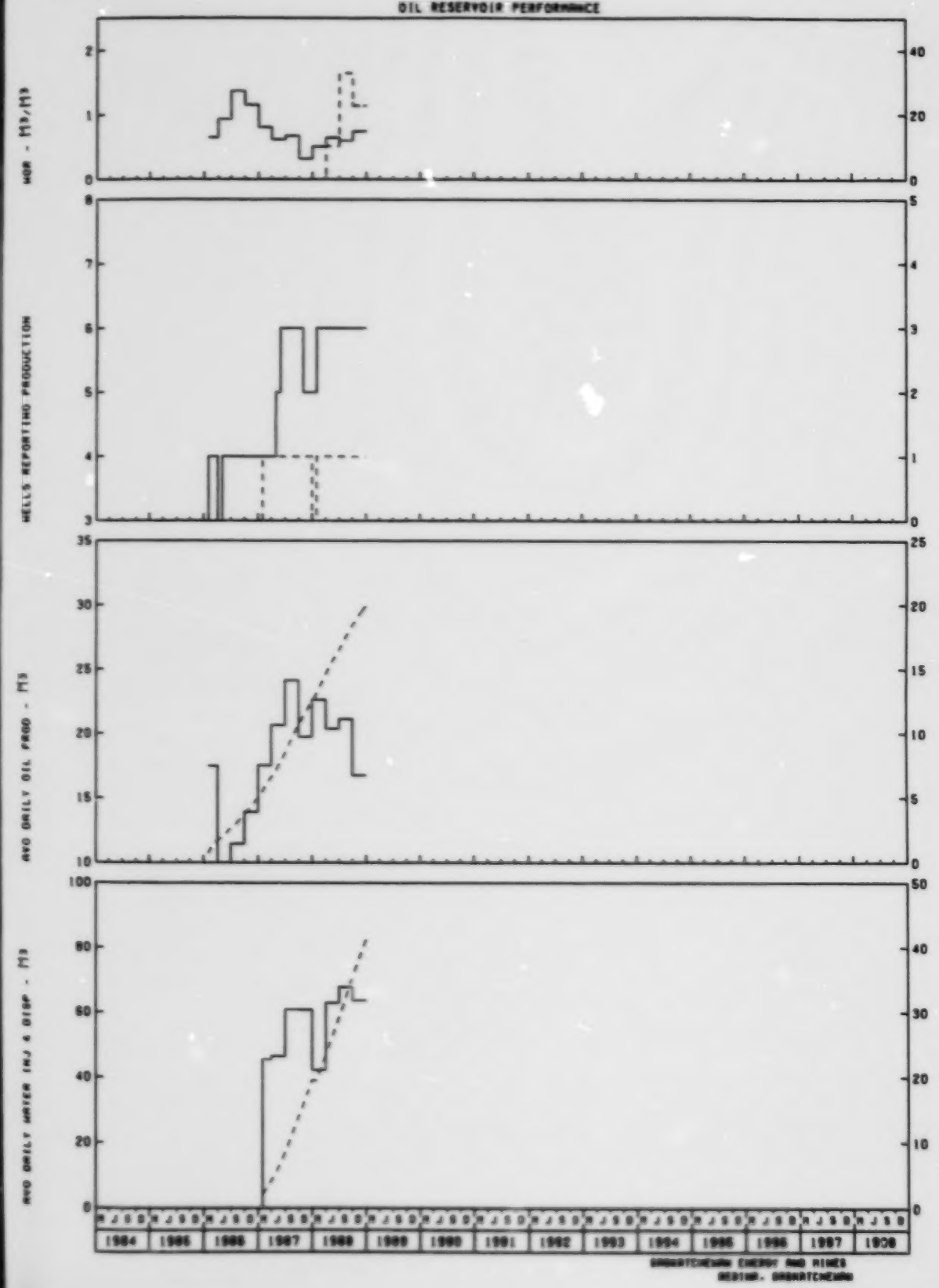


INGOLDSBY WEST FROB ALIDA BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



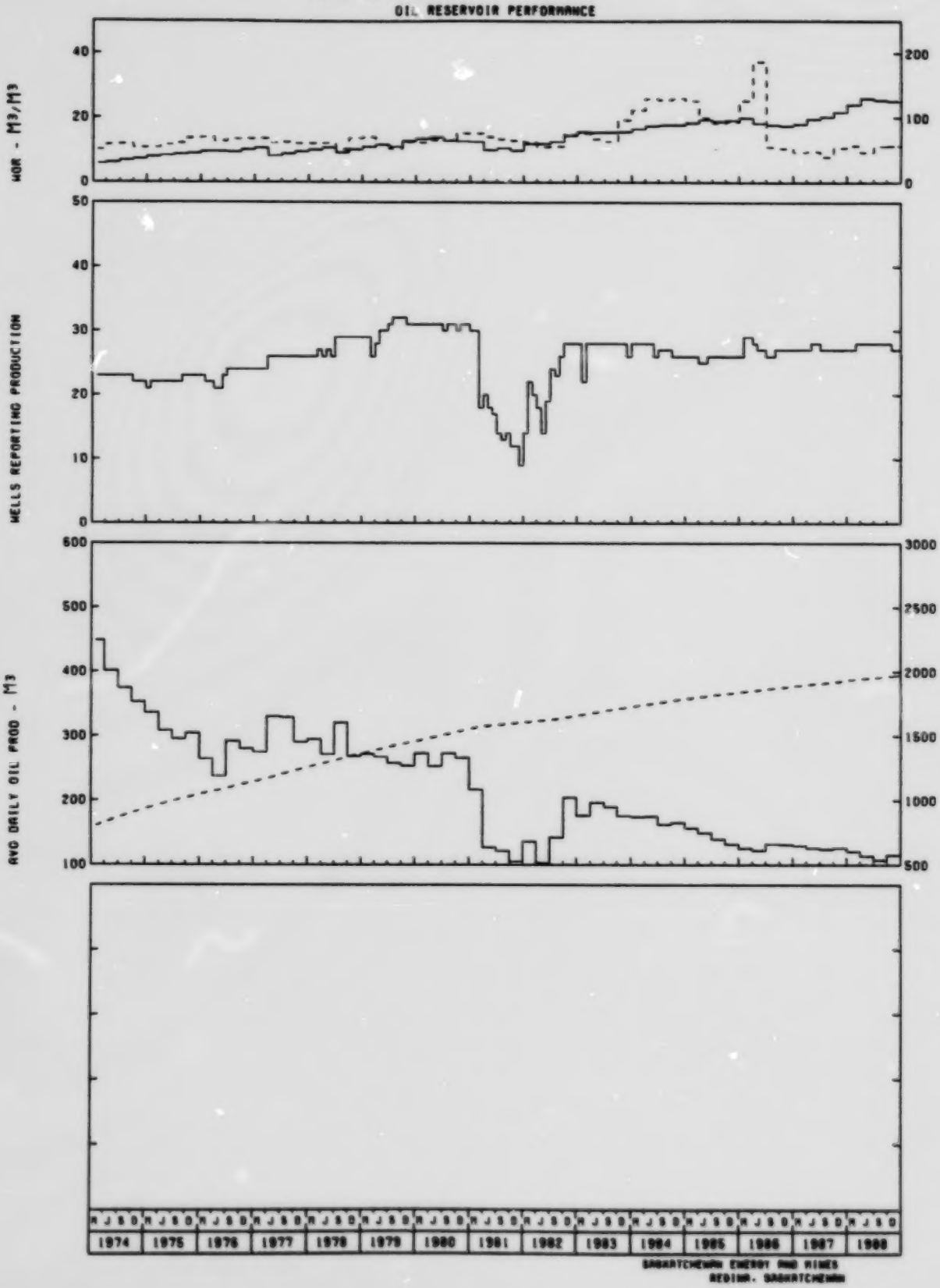
ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

KENOSEE TILSTON BEDS POOL

KENOSEE TILSTON BDS VOL UNIT

OIL RESERVOIR PERFORMANCE



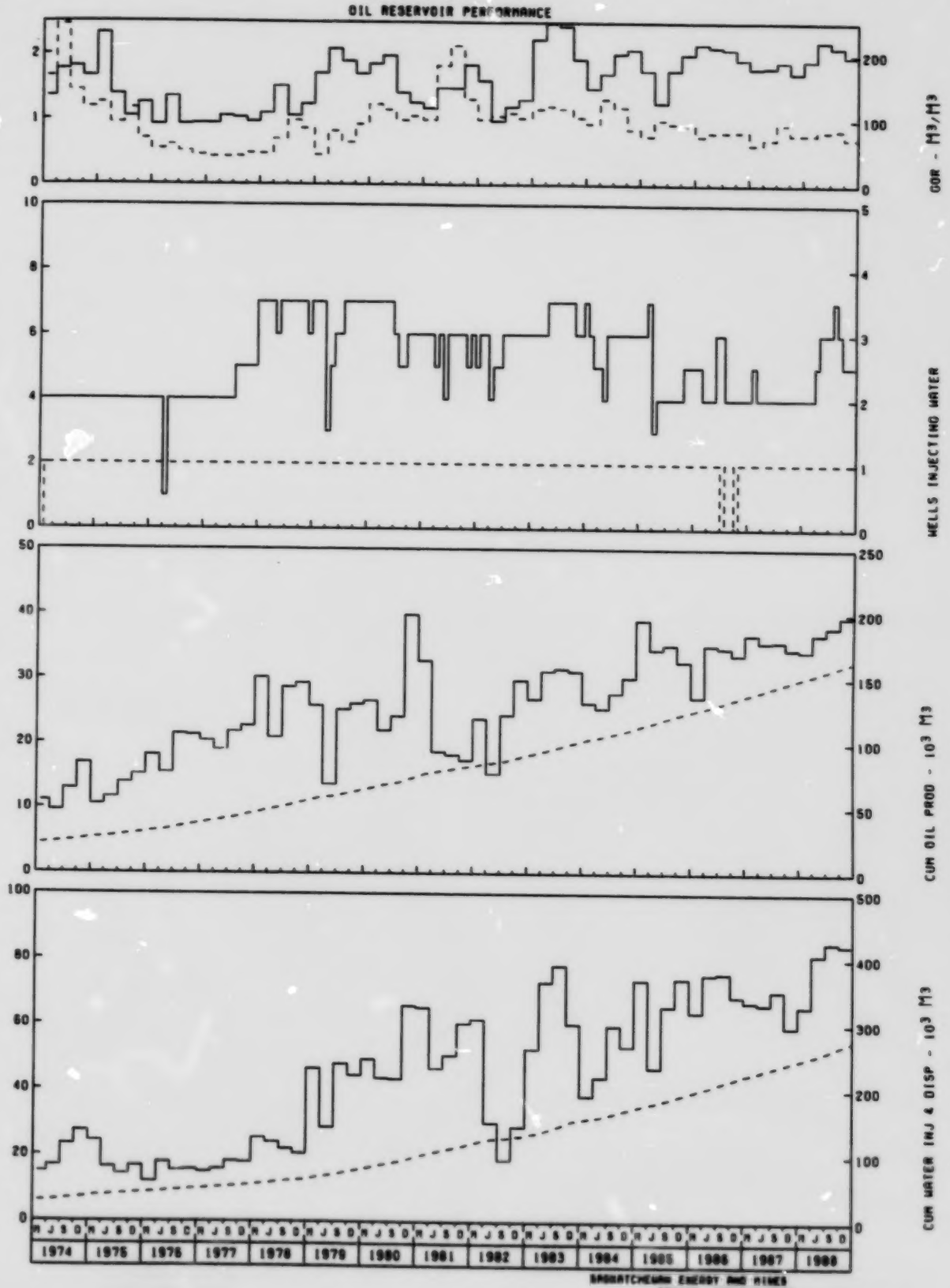
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

KISBEY BIRDBEAR POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



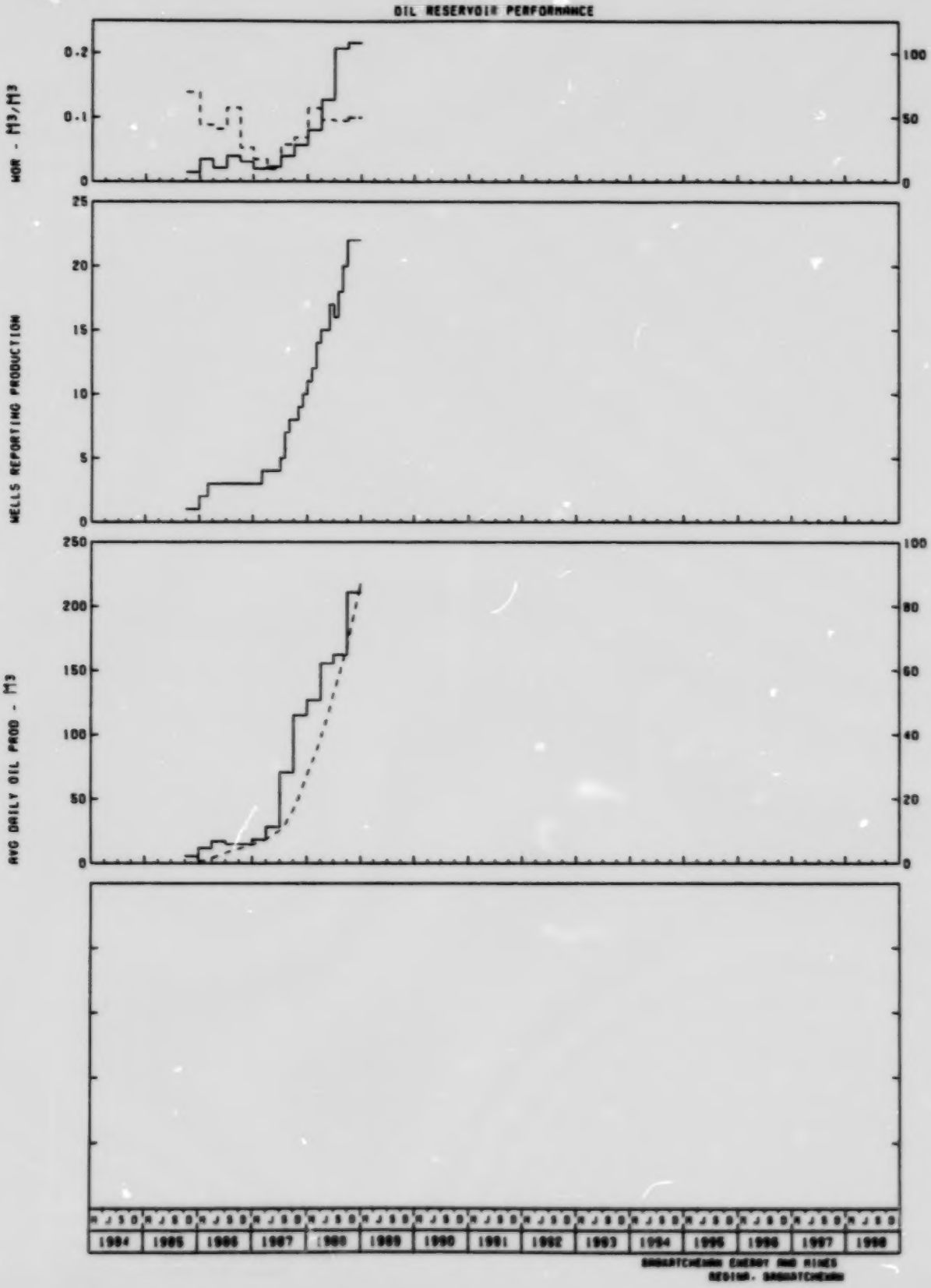
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

KISBEY FROBISHER-ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



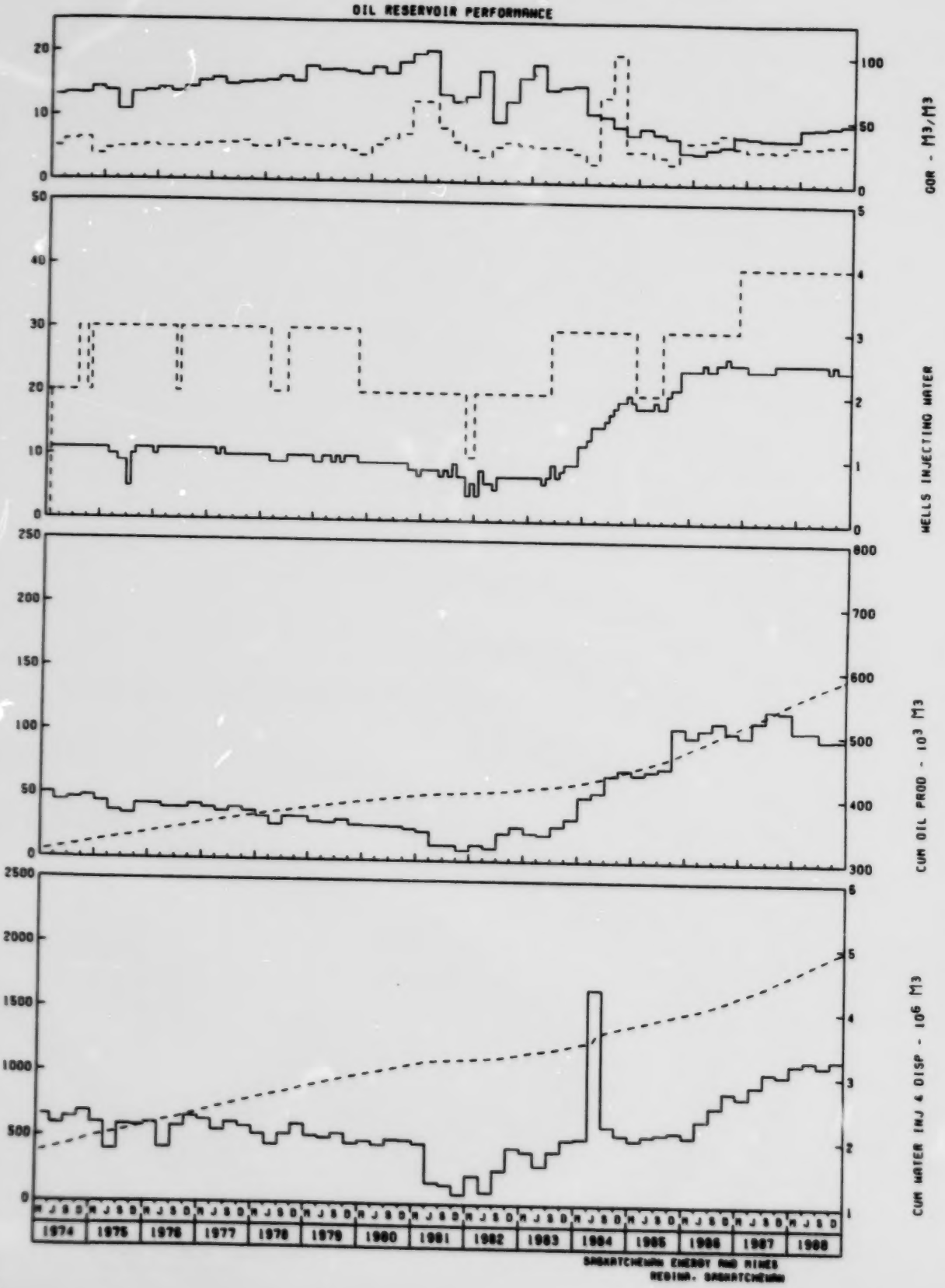
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MOOSE MOUNTAIN TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



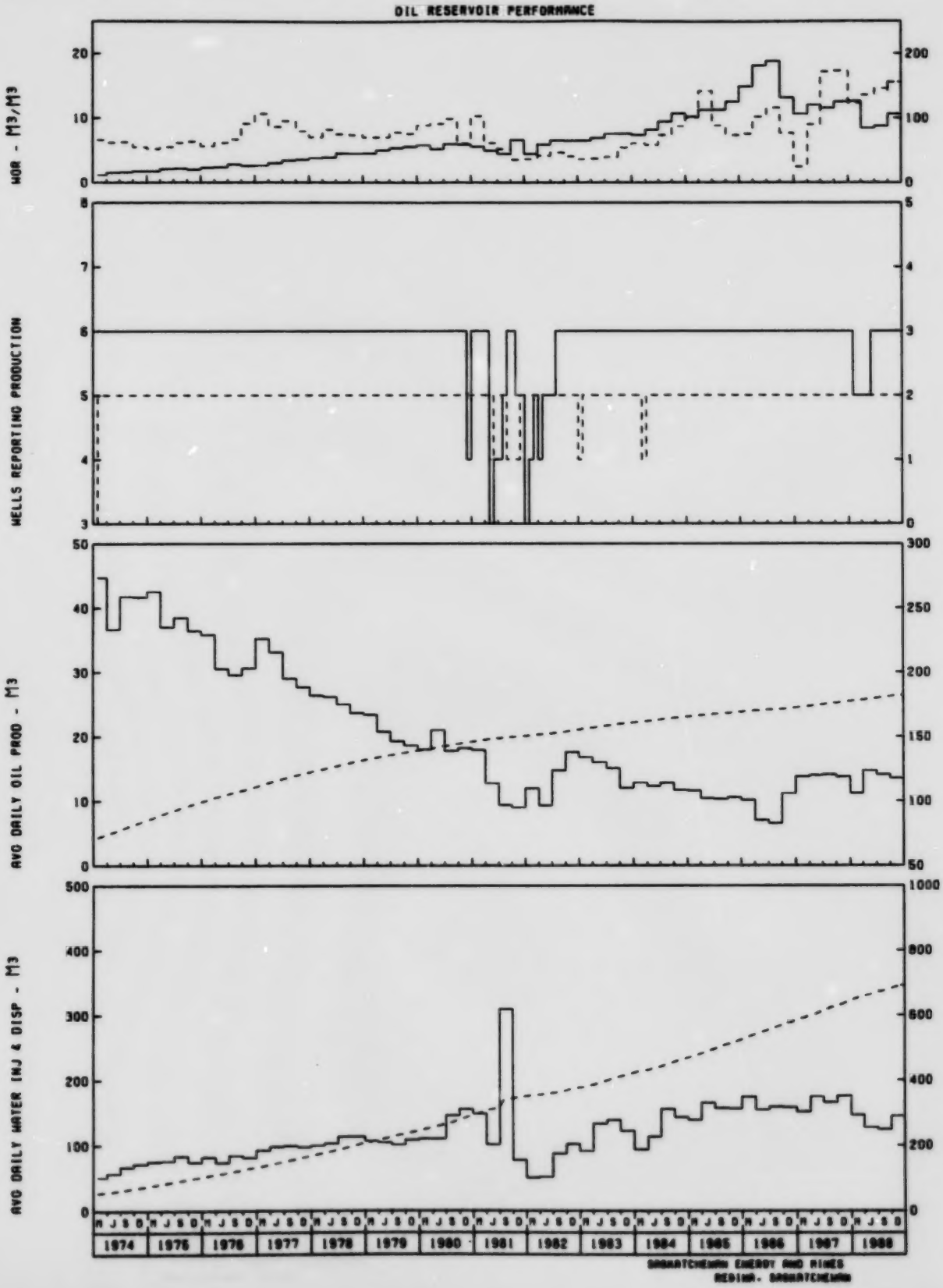
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MORRISVIEW FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



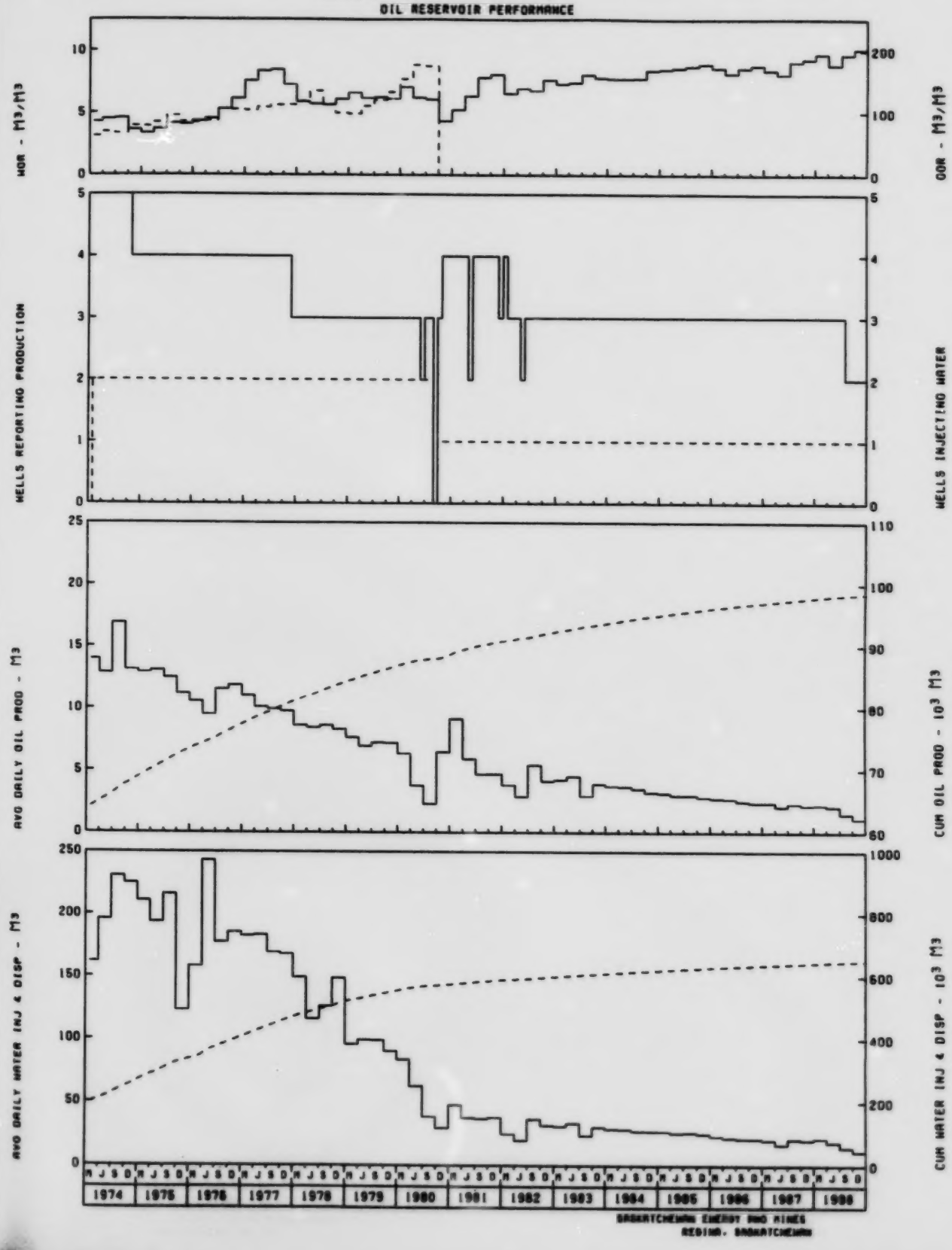
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH ANTLER MIDALE BEDS POOL

ANTLER VOLUNTARY UNIT 1

OIL RESERVOIR PERFORMANCE



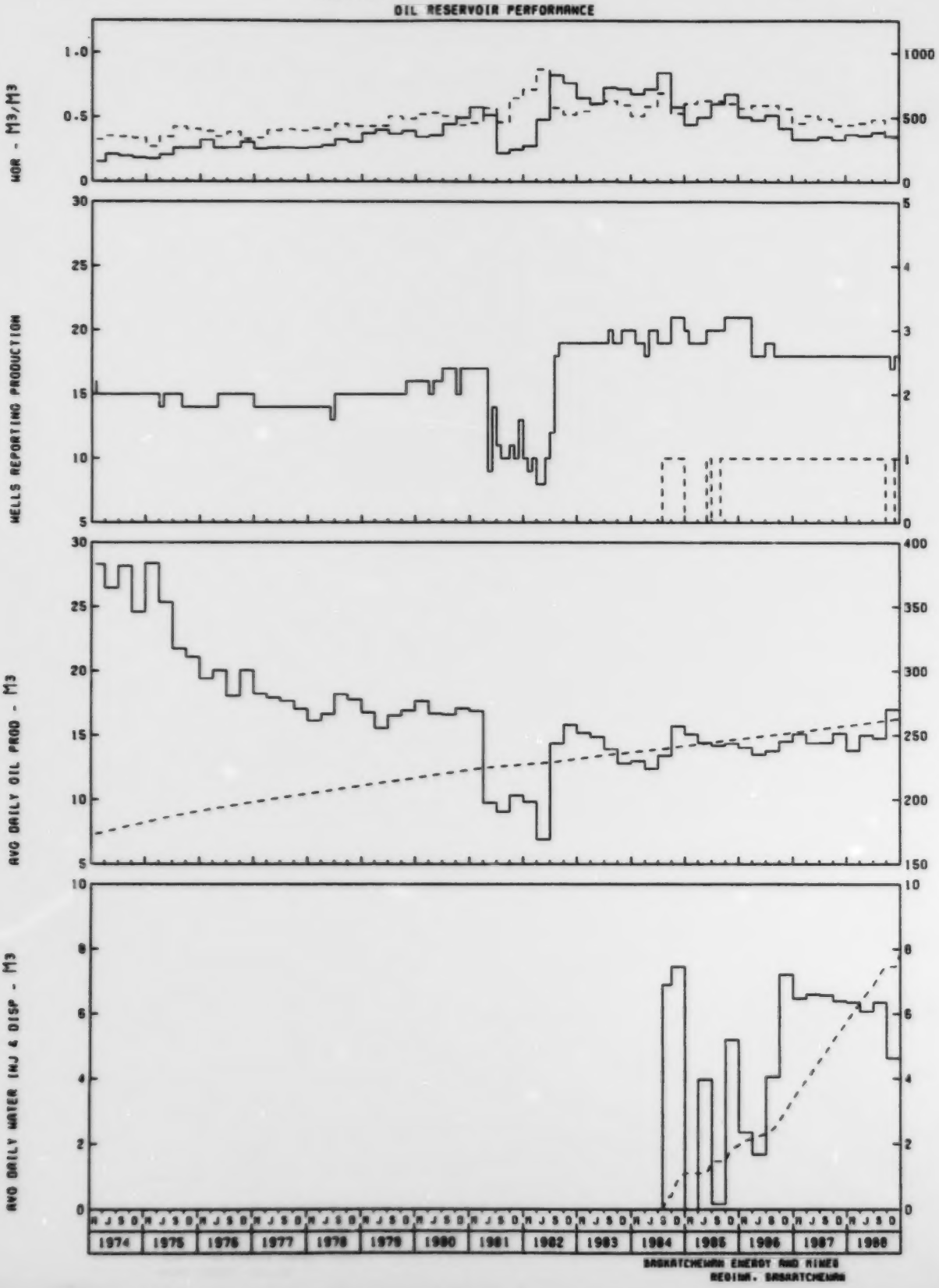
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTHGATE MIDALE BEDS POOL

NORTHGATE MIDALE VOL UNIT

OIL RESERVOIR PERFORMANCE



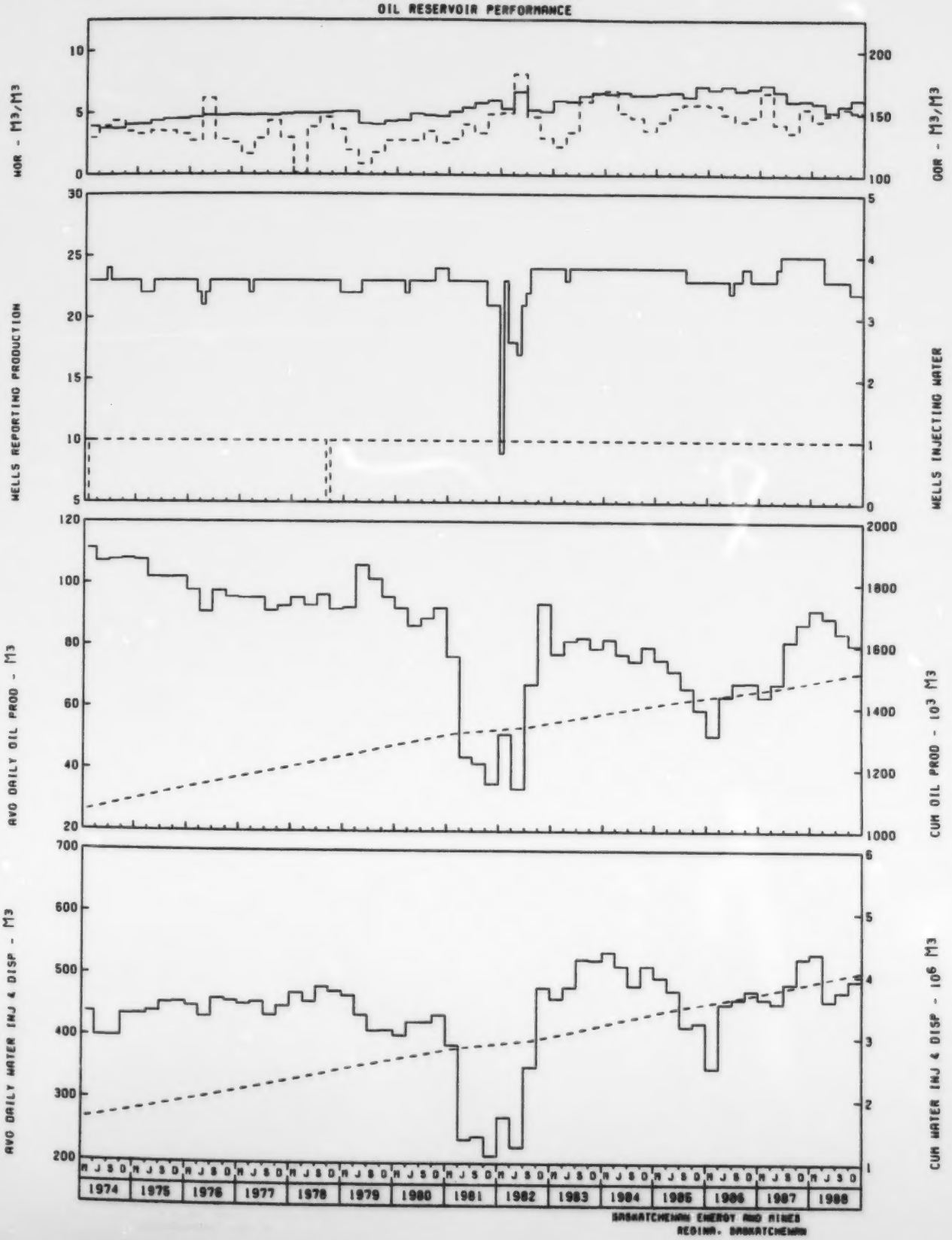
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NOTTINGHAM ALIDA BEDS POOL

NOTTINGHAM N ALIDA BEDS UNIT

OIL RESERVOIR PERFORMANCE



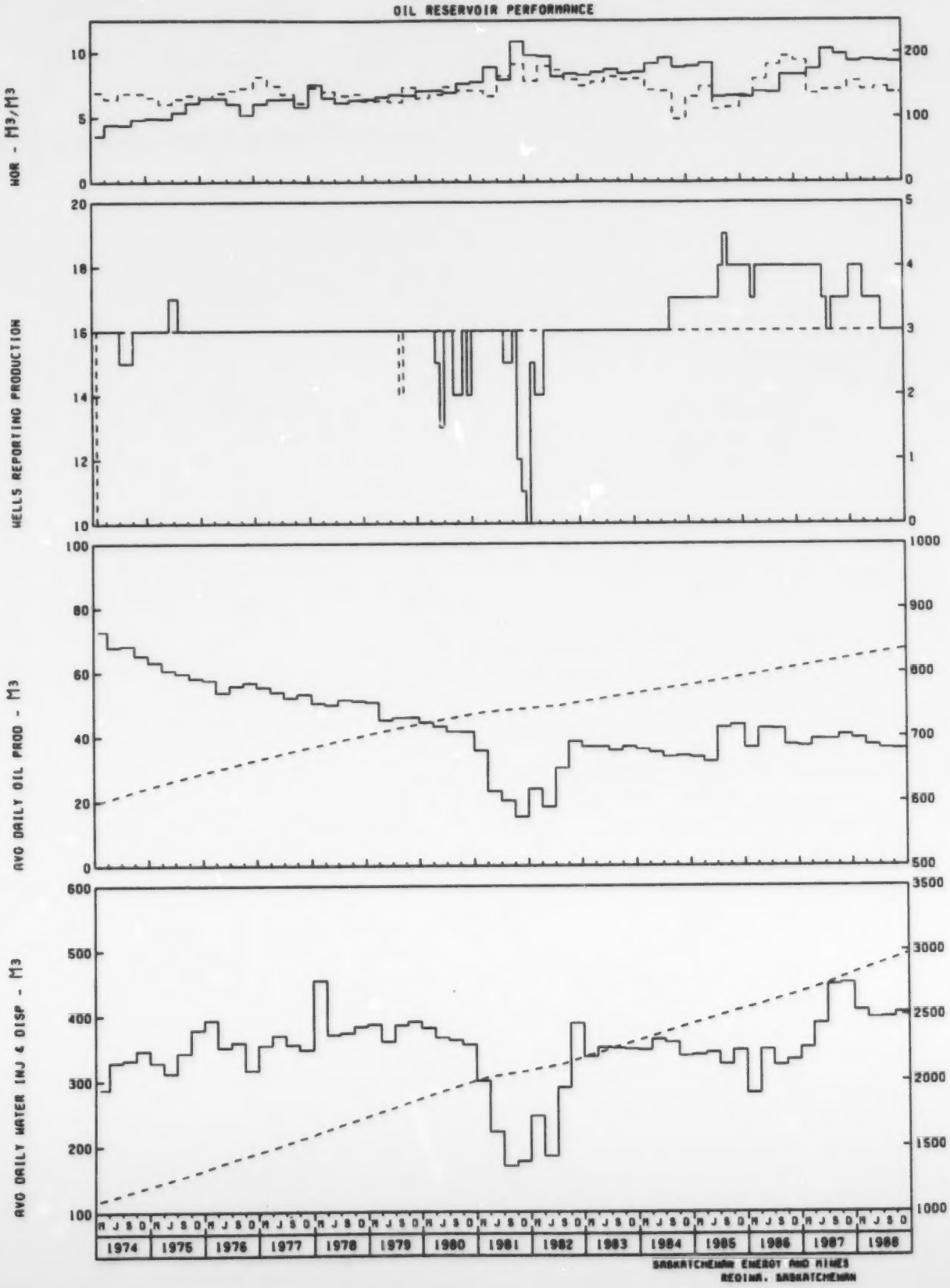
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NOTTINGHAM ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



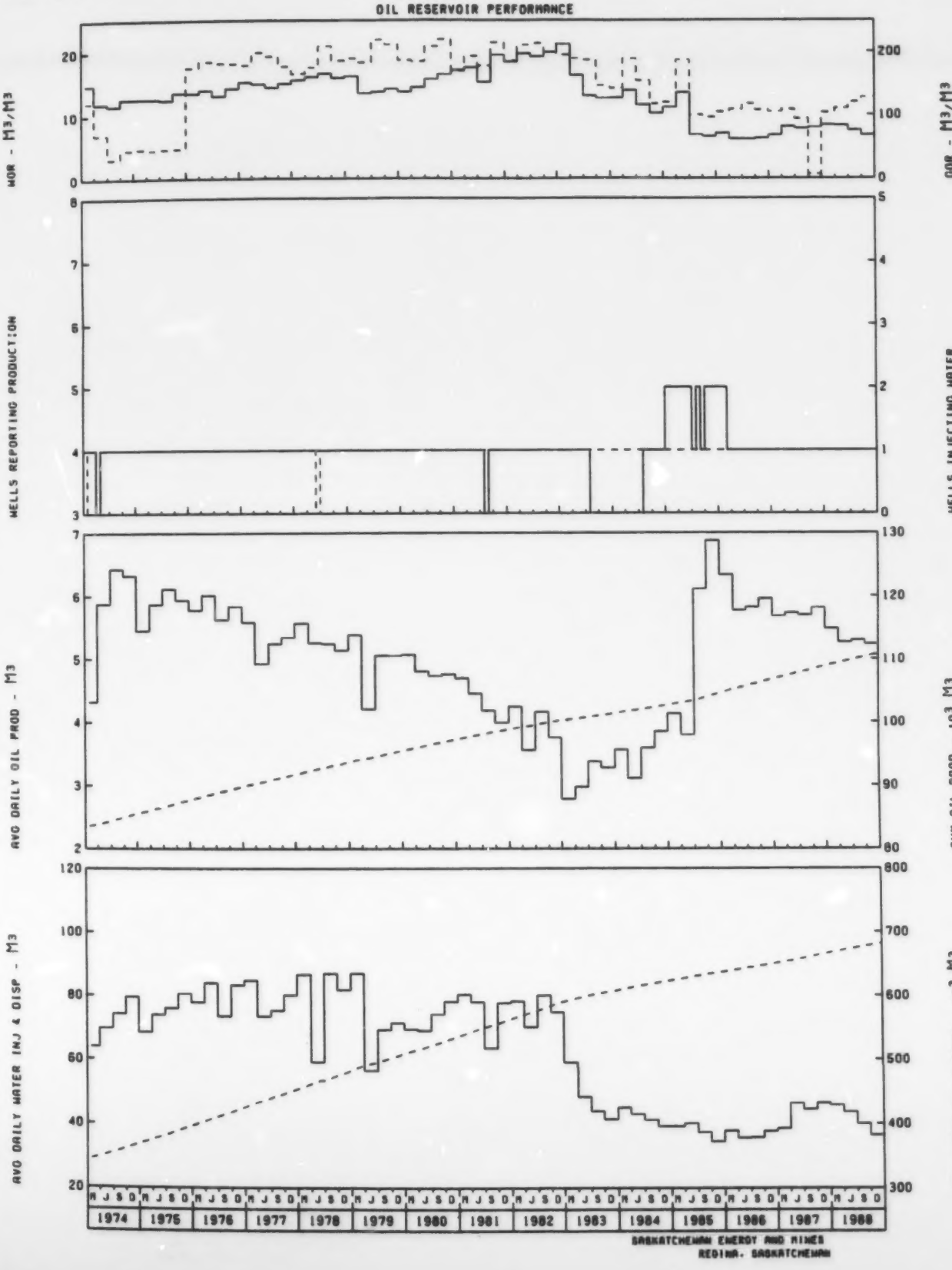
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

OAKLEY FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



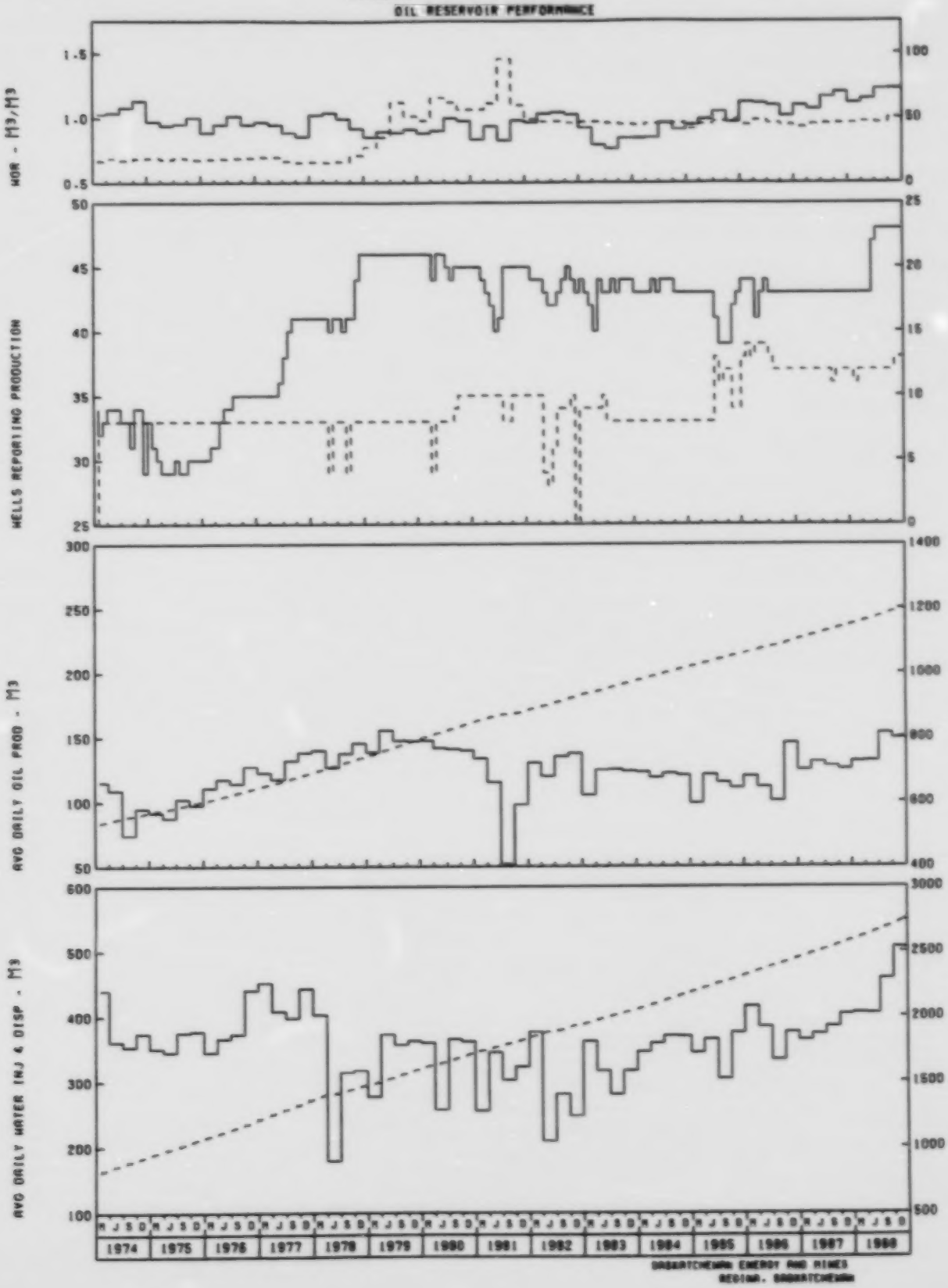
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

OUNGRE RATCLIFFE BEDS POOL

OUNGRE VOL UNIT NO 1

OIL RESERVOIR PERFORMANCE



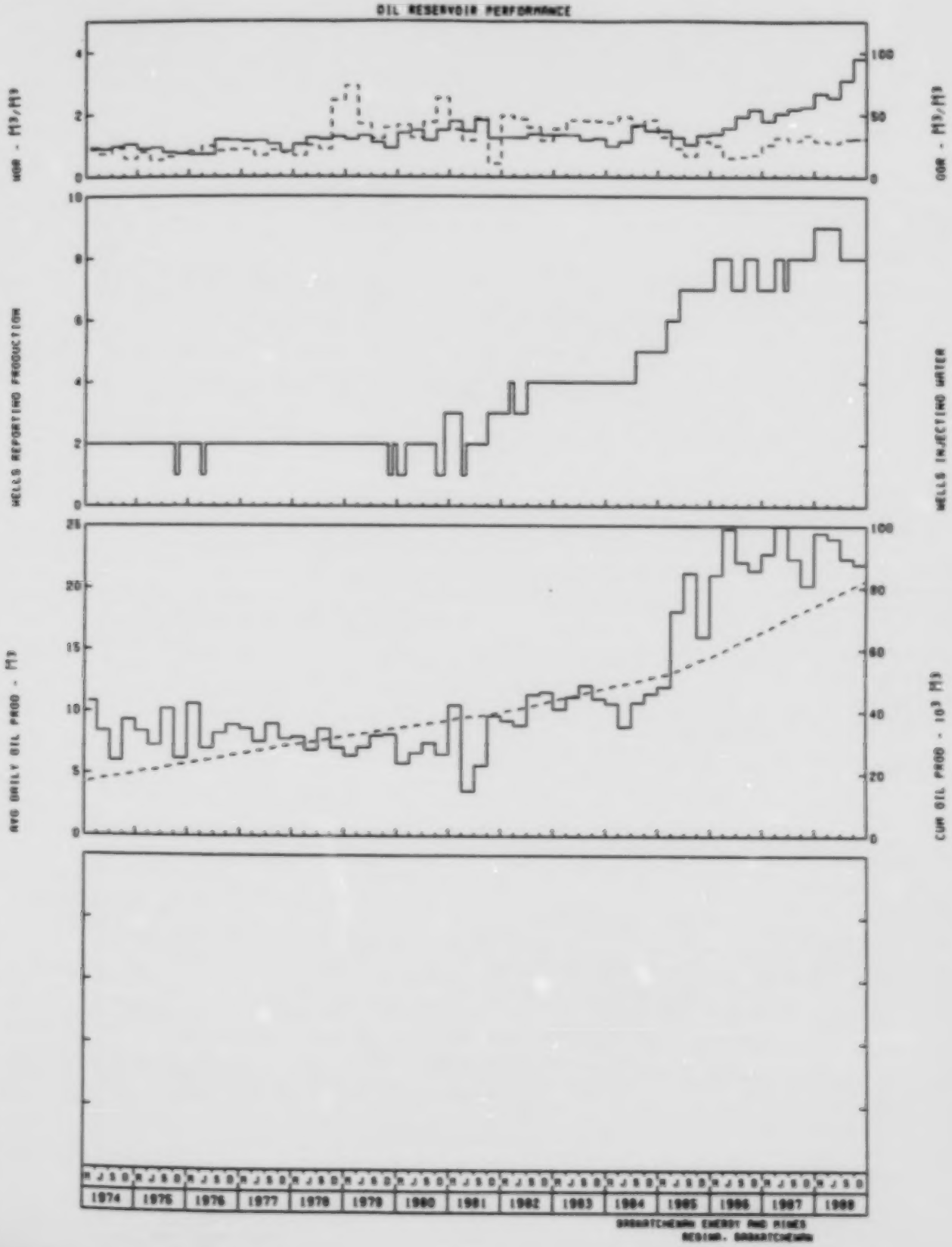
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

OUNGRE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

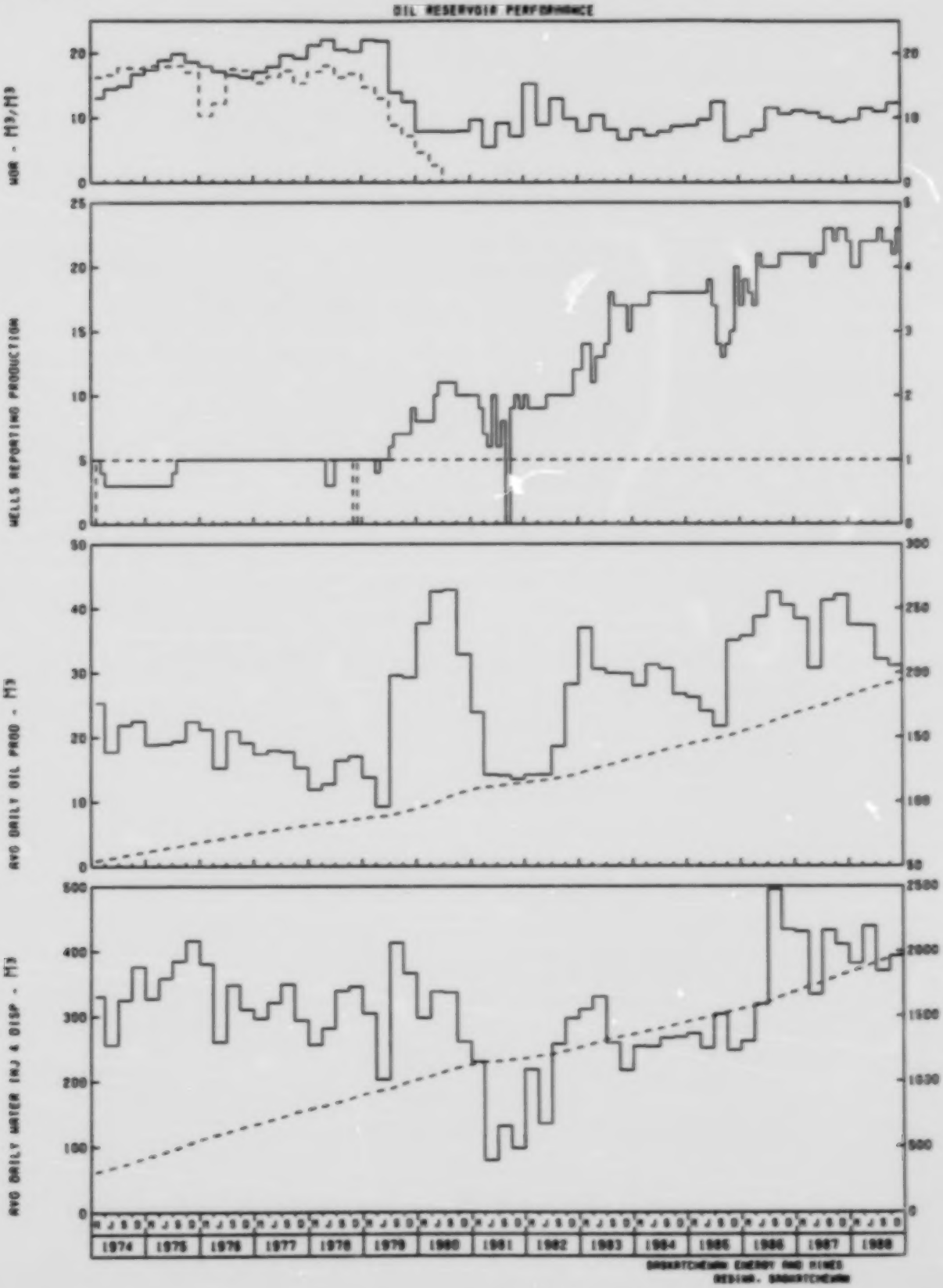


ORDOVICIAN ENERGY AND MINES
REGIMD. ORDOVICIAN

PARKMAN SOURIS VALLEY BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

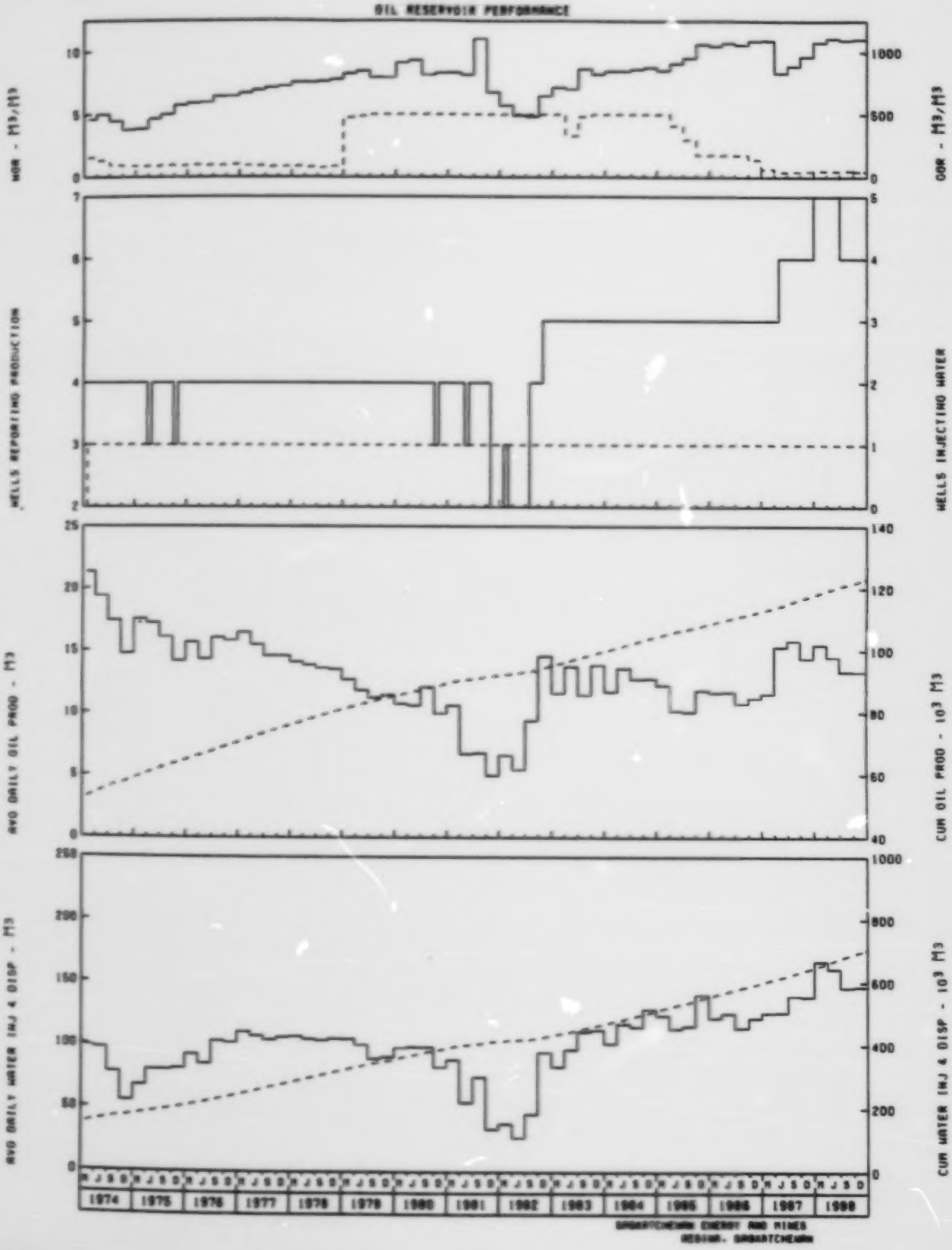


LEGEND:
LEFT HAND SCALES ———
RIGHT HAND SCALES - - -

PARKMAN SOUTH TILS SRS VALLEY PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



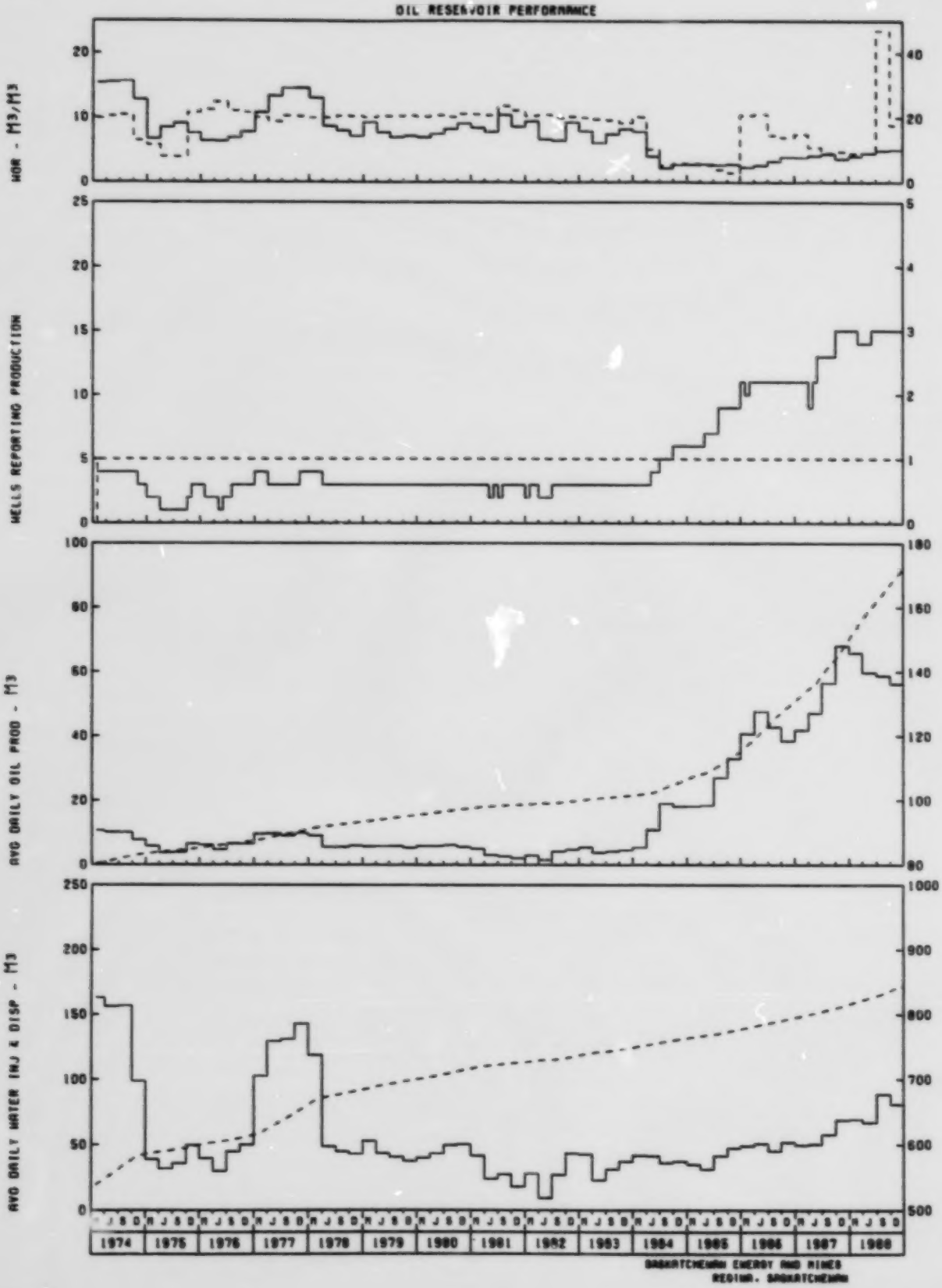
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PARKMAN TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

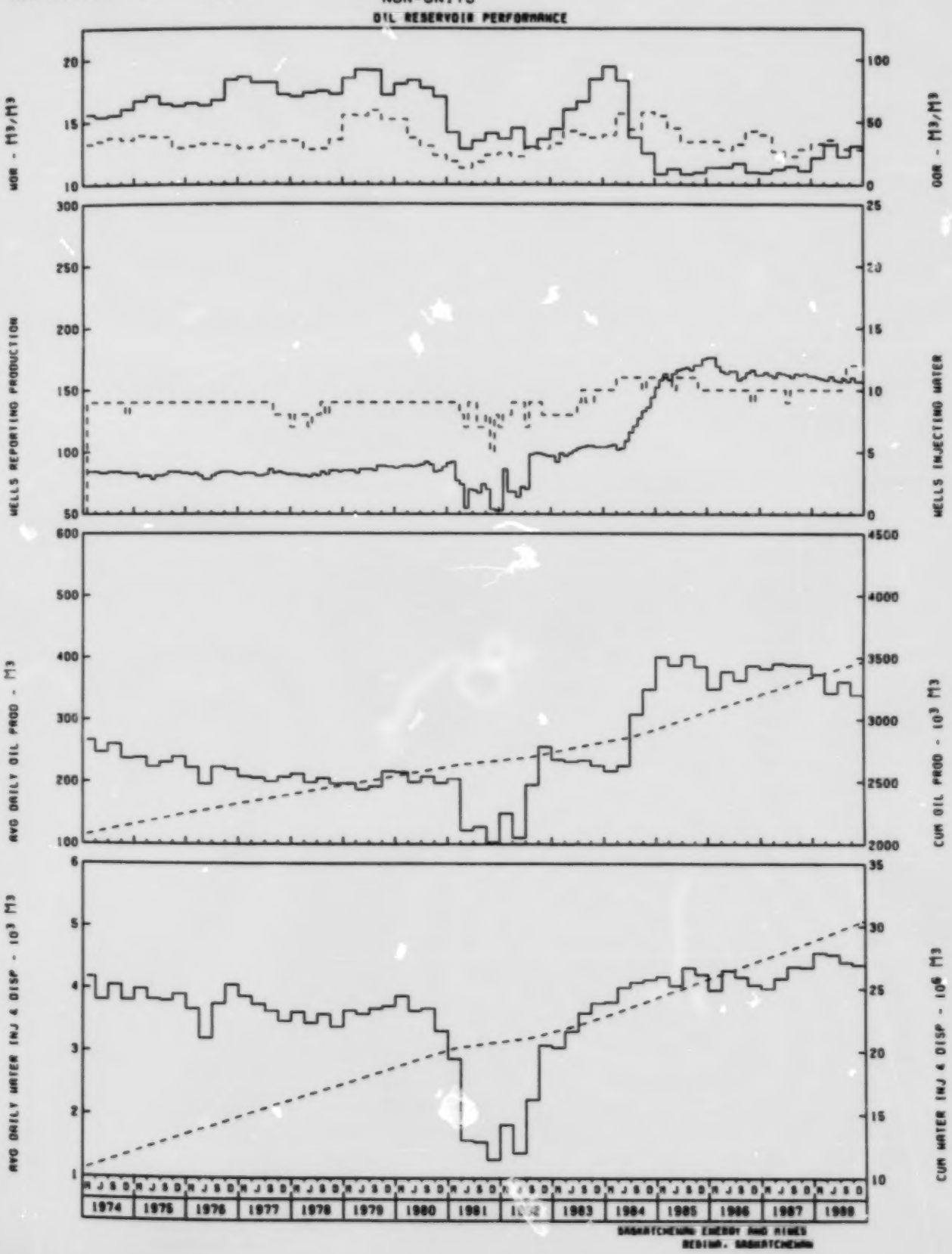


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

PARKMAN TILSTON SOURIS VALLEY PL

NON-UNITS

OIL RESERVOIR PERFORMANCE

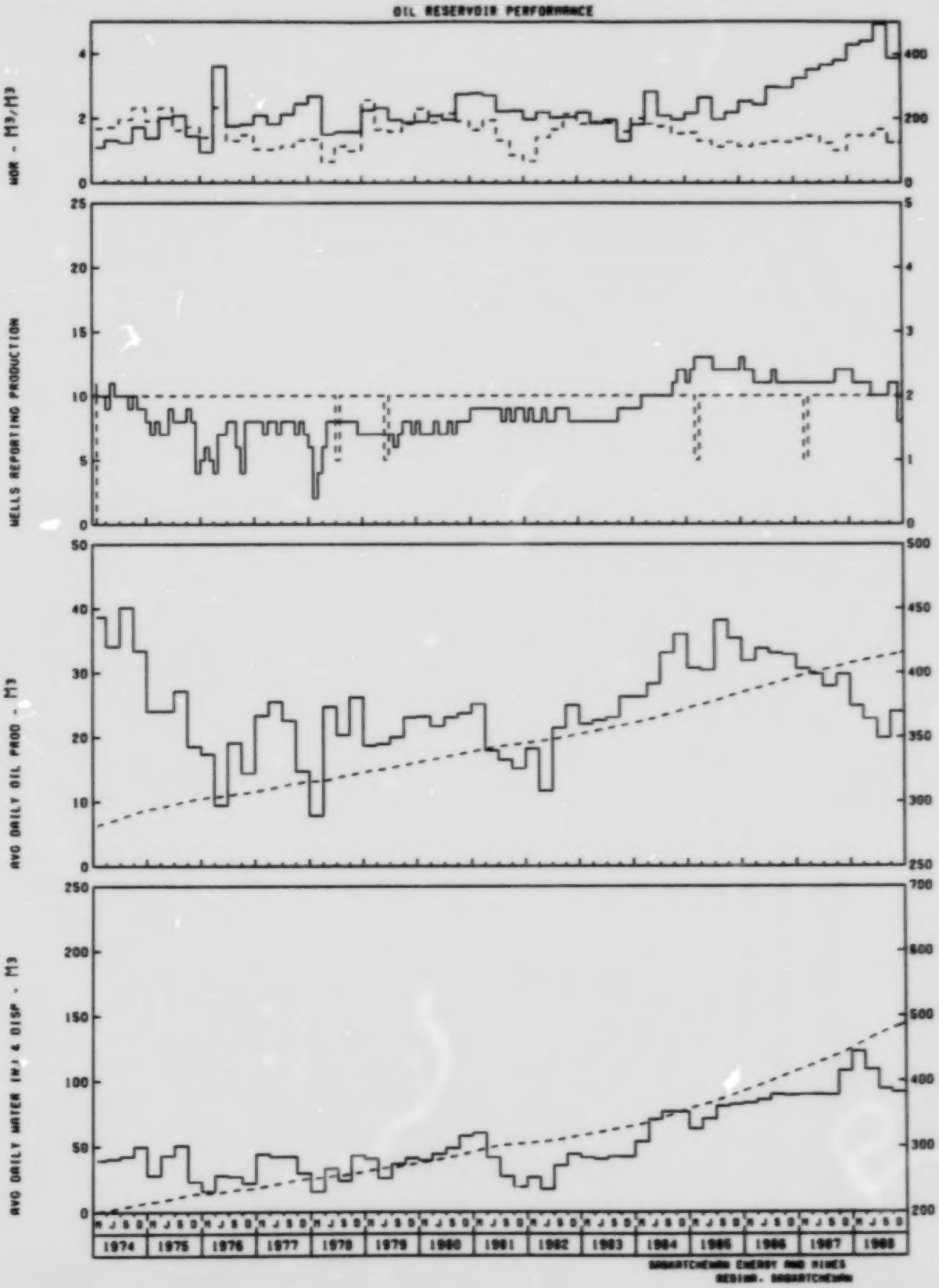


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PINTO FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



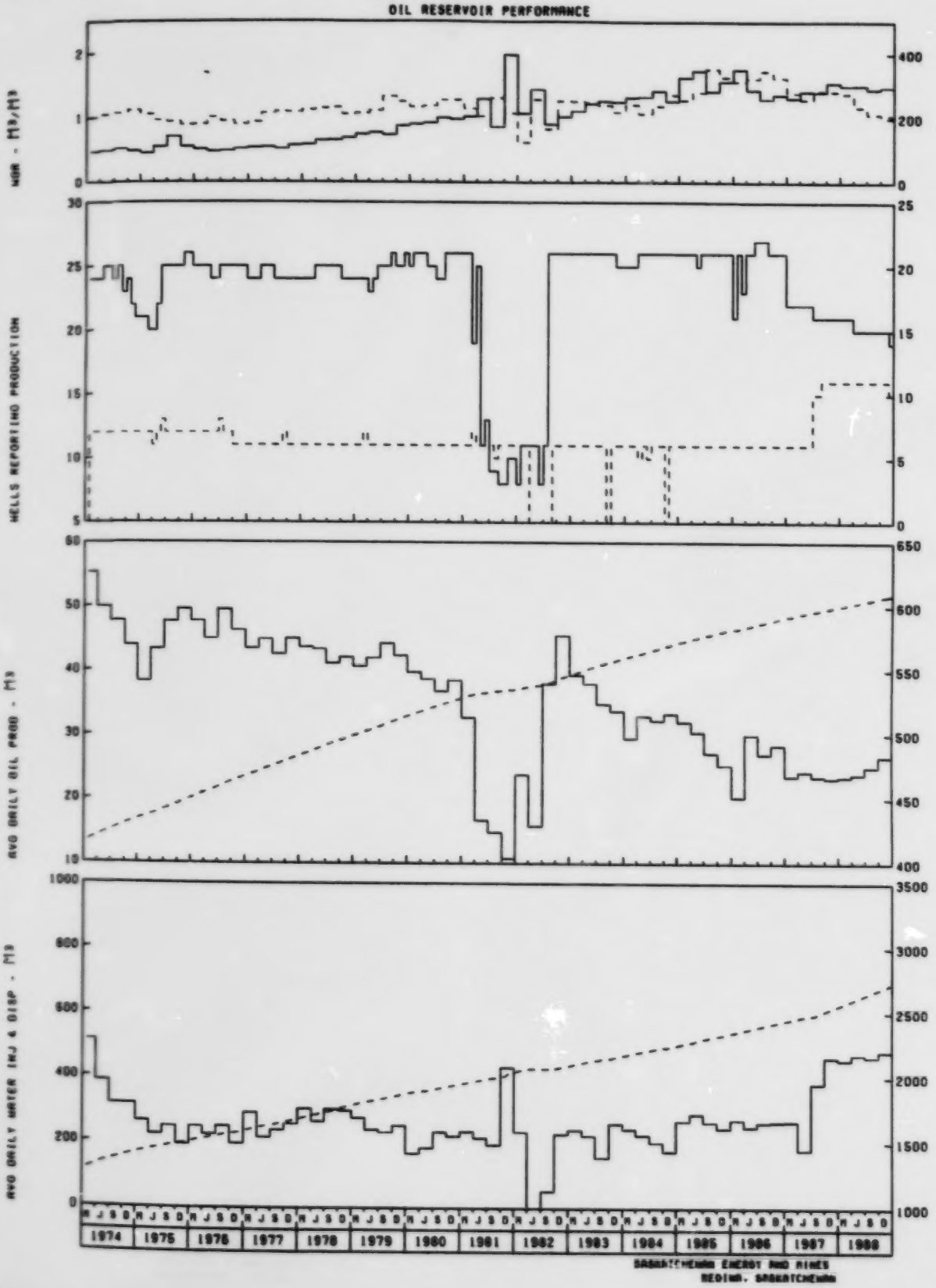
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PINTO MIDALE BEDS POOL

SOUTH PINTO UNIT

OIL RESERVOIR PERFORMANCE



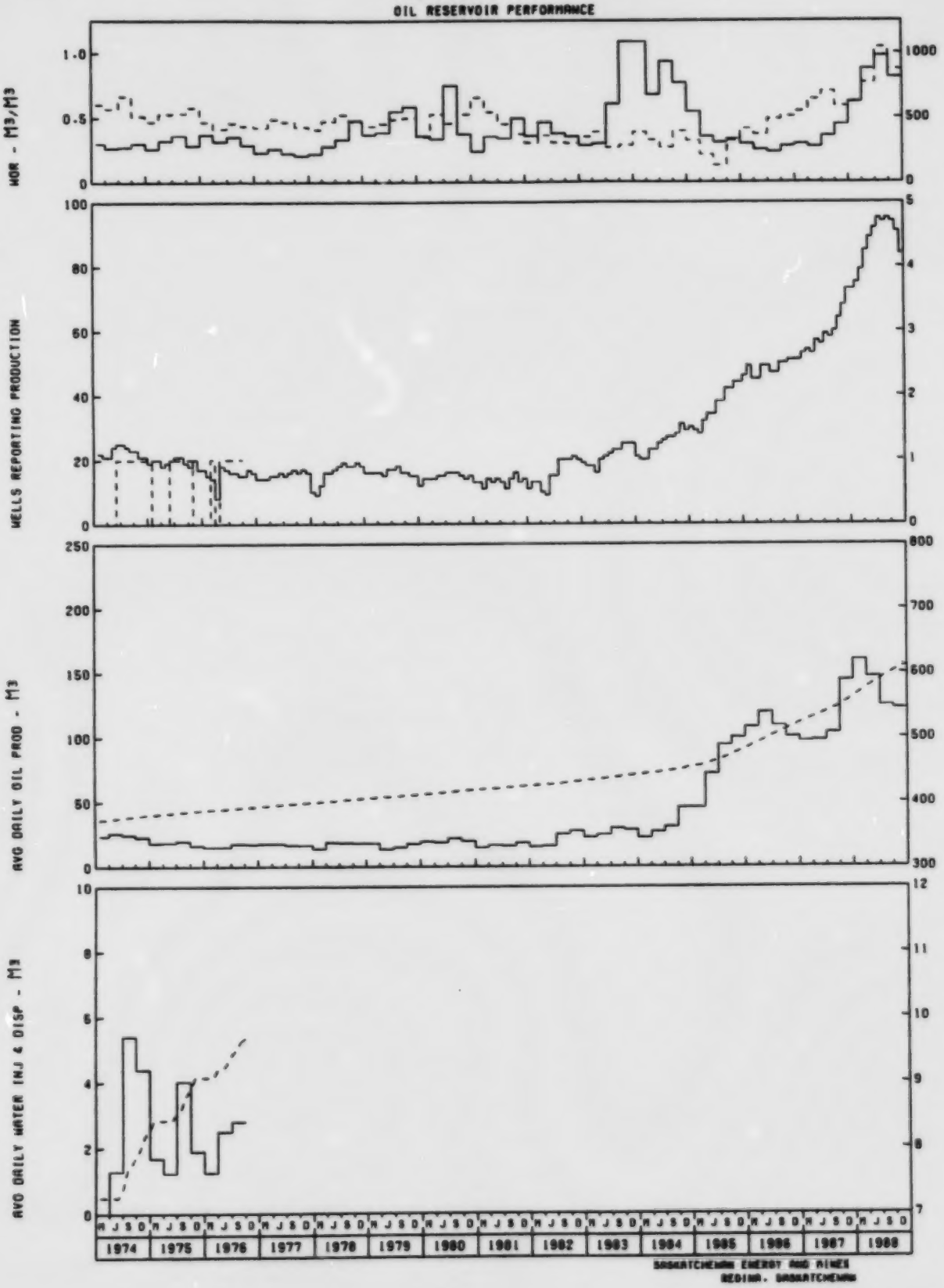
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

PINTO MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



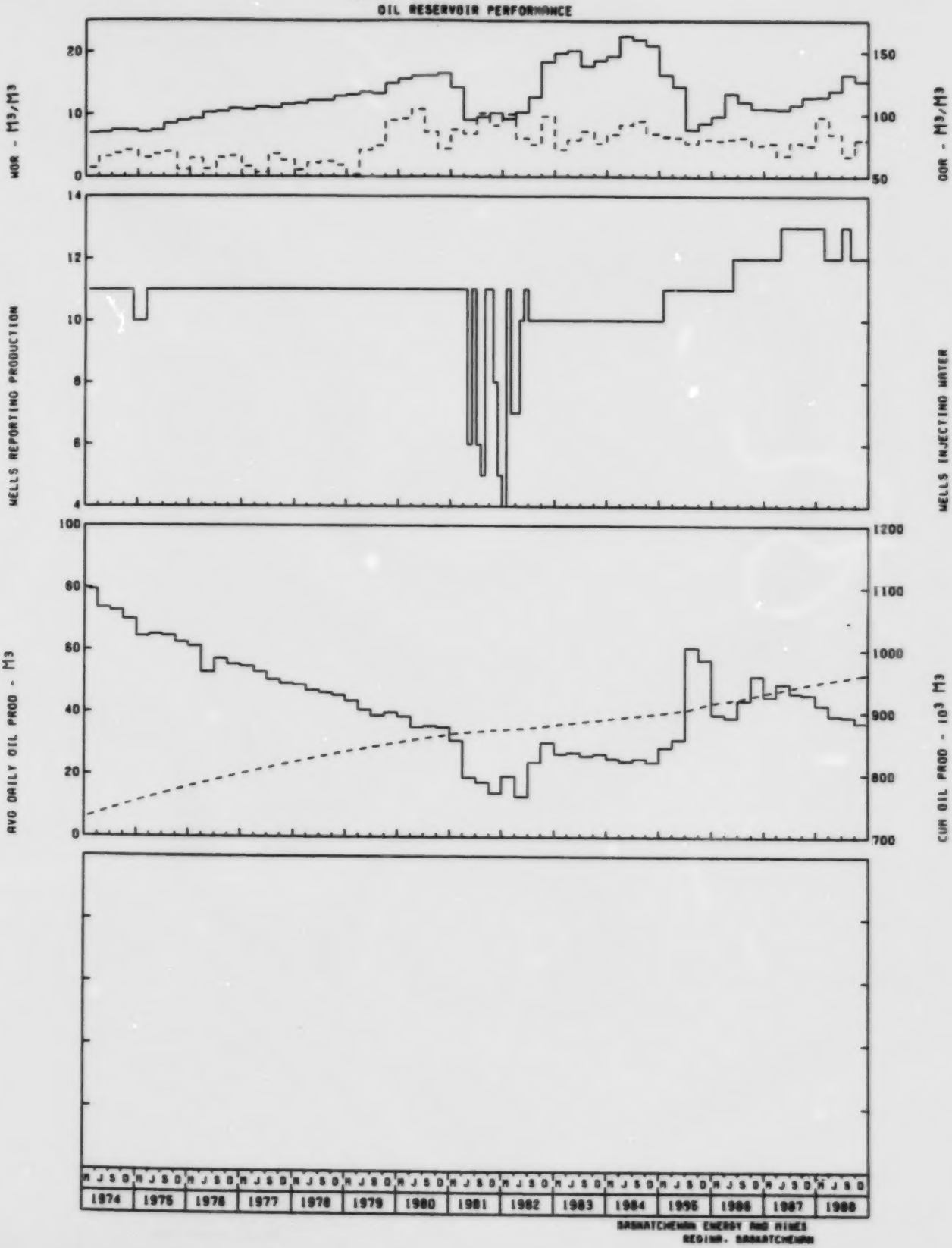
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

QUEENSDALE EAST FROB ALIDA BEDS

NORTH CANTAL UNIT

OIL RESERVOIR PERFORMANCE



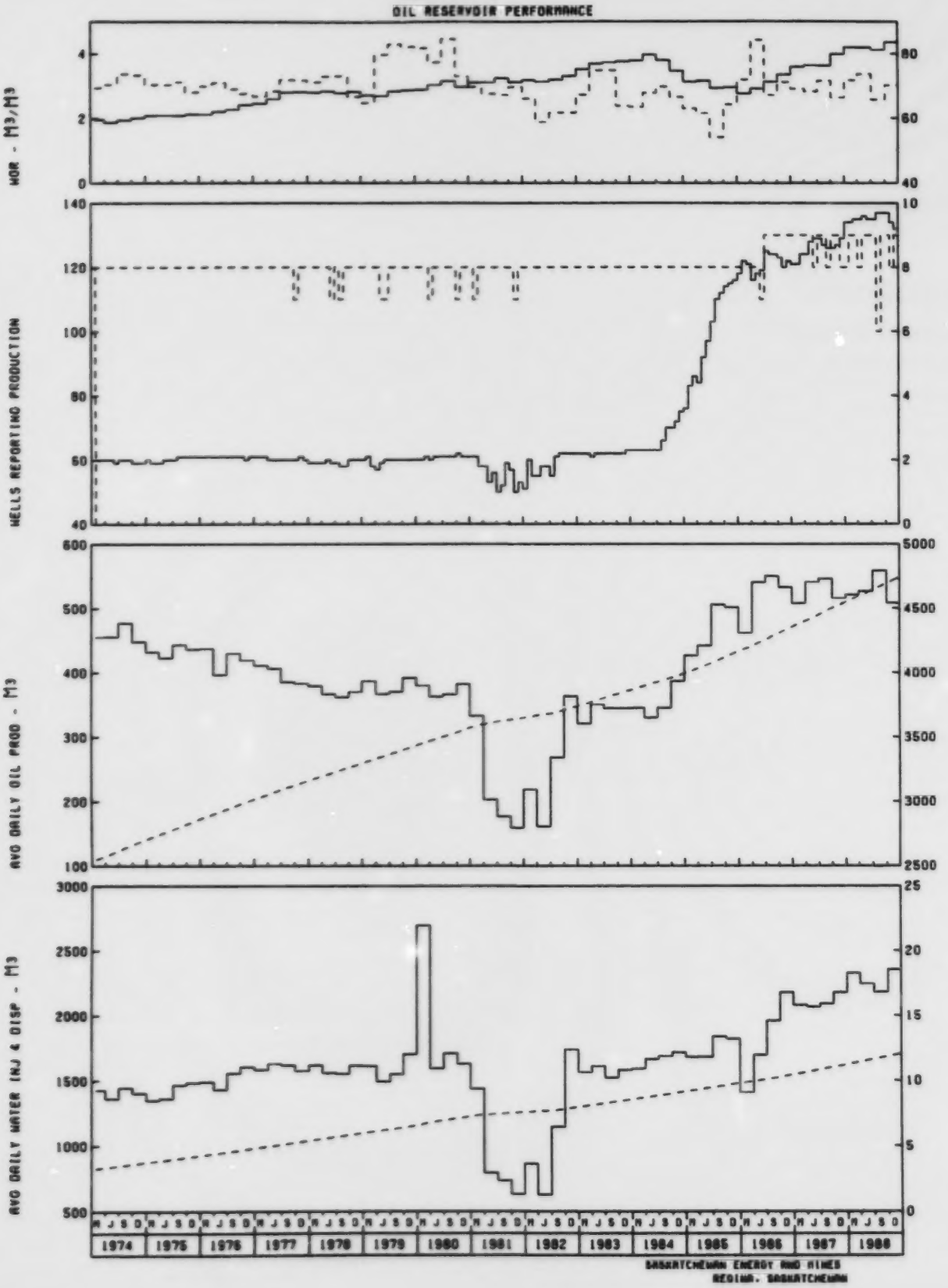
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

QUEENSDALE EAST FROB ALIDA BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



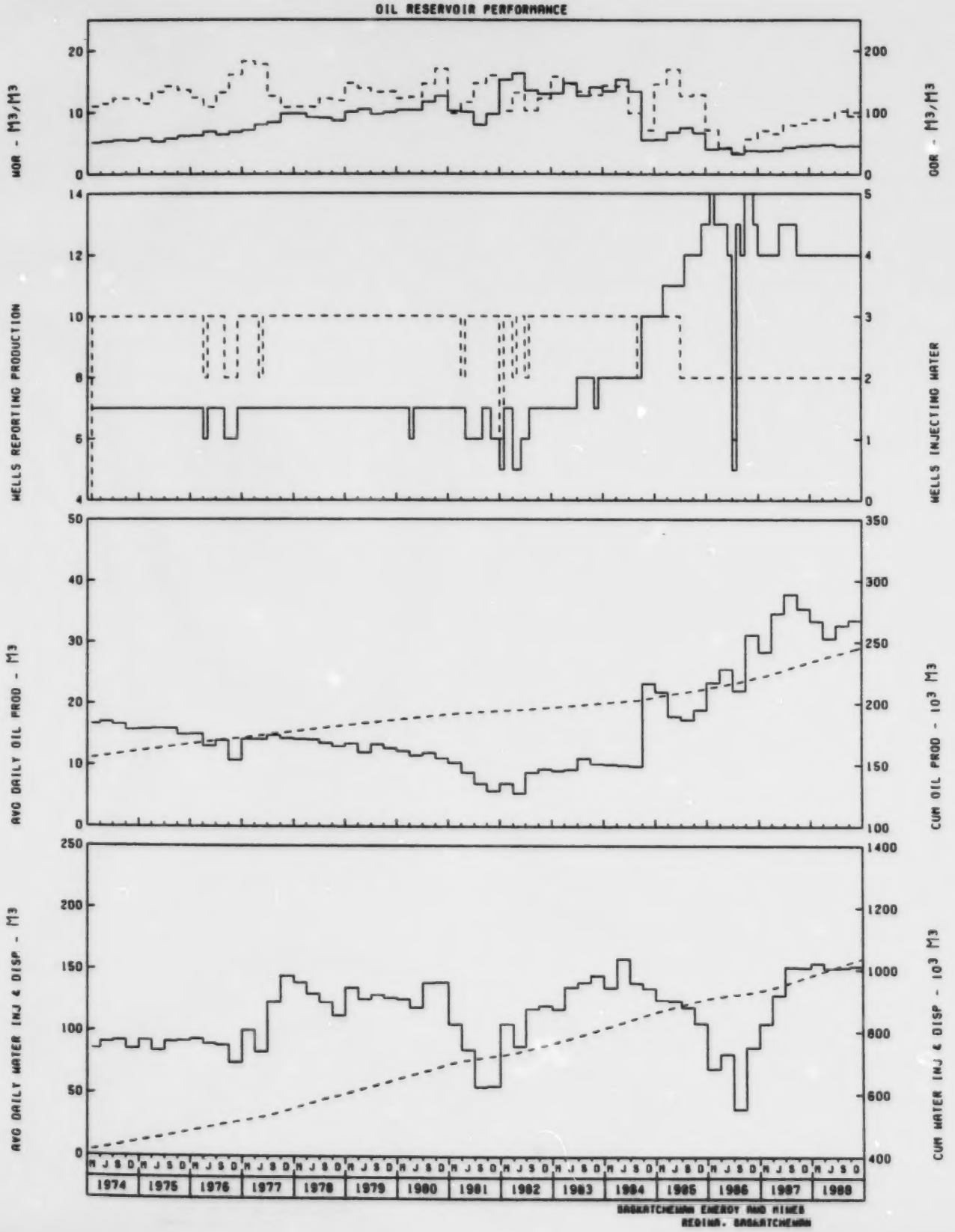
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

QUEENSDALE NORTH ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



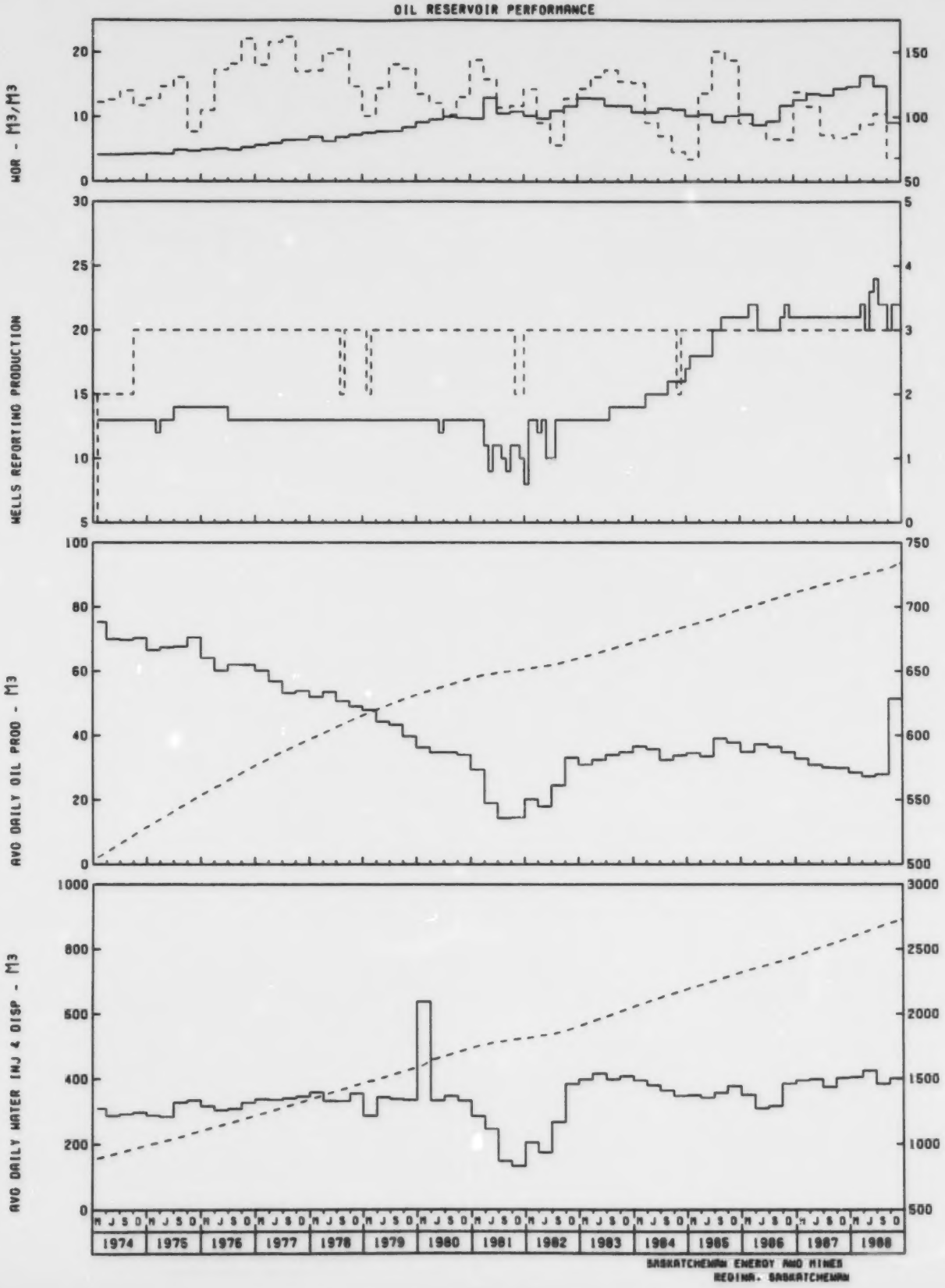
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

QUEENSDALE WEST ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



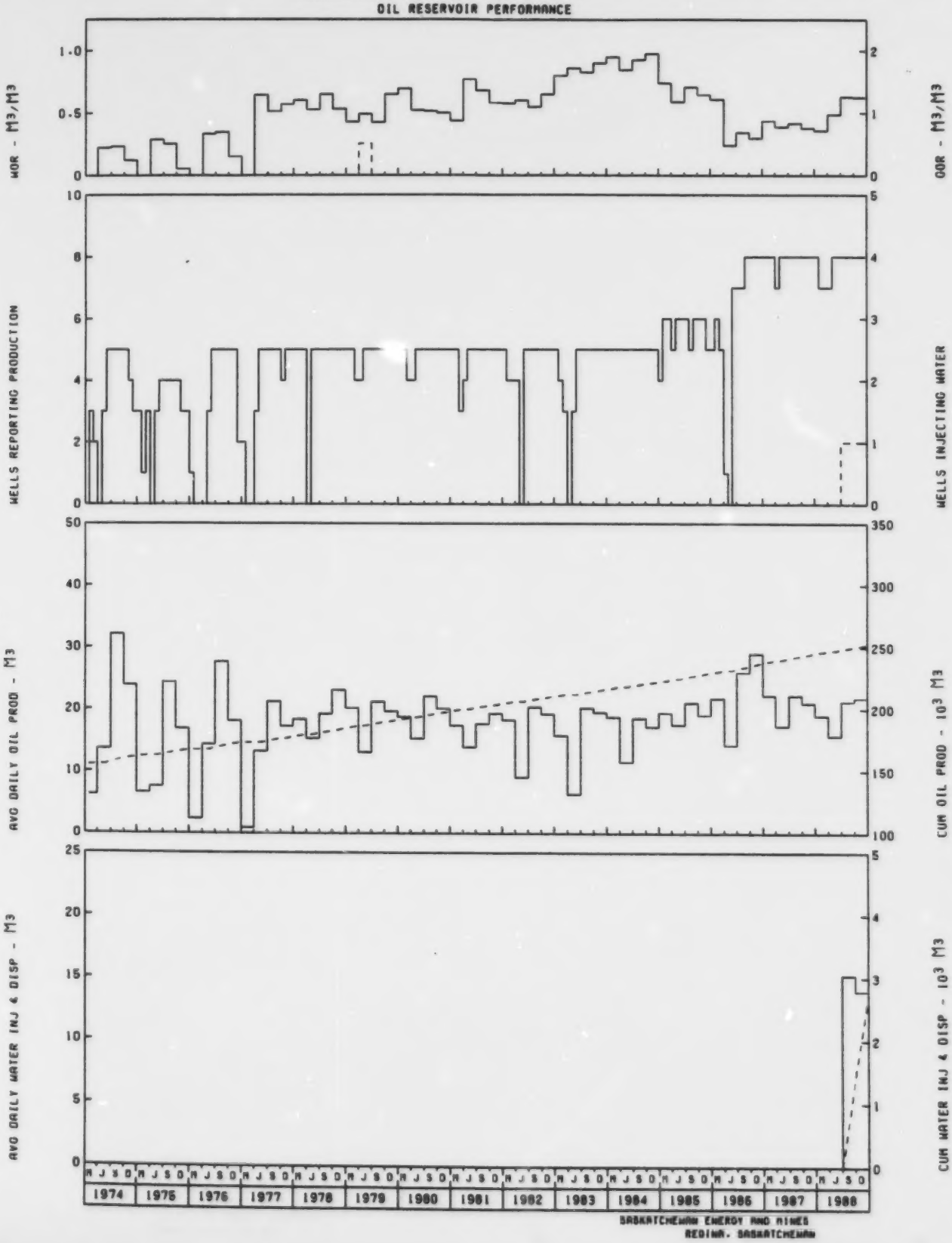
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ROCANVILLE BAKKEN SAND POOL

ROCANVILLE BAKKEN VOL U NO 1

OIL RESERVOIR PERFORMANCE



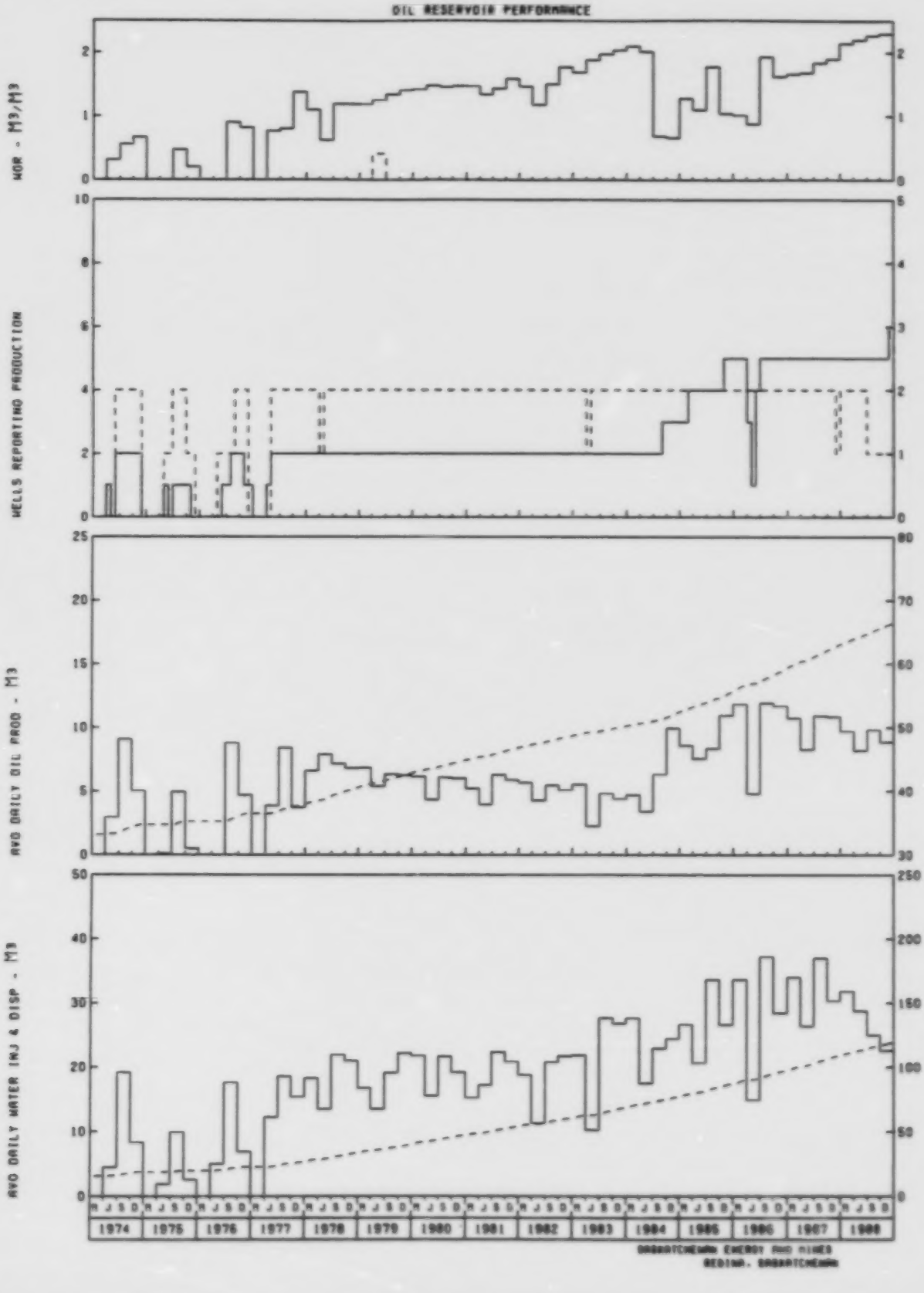
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

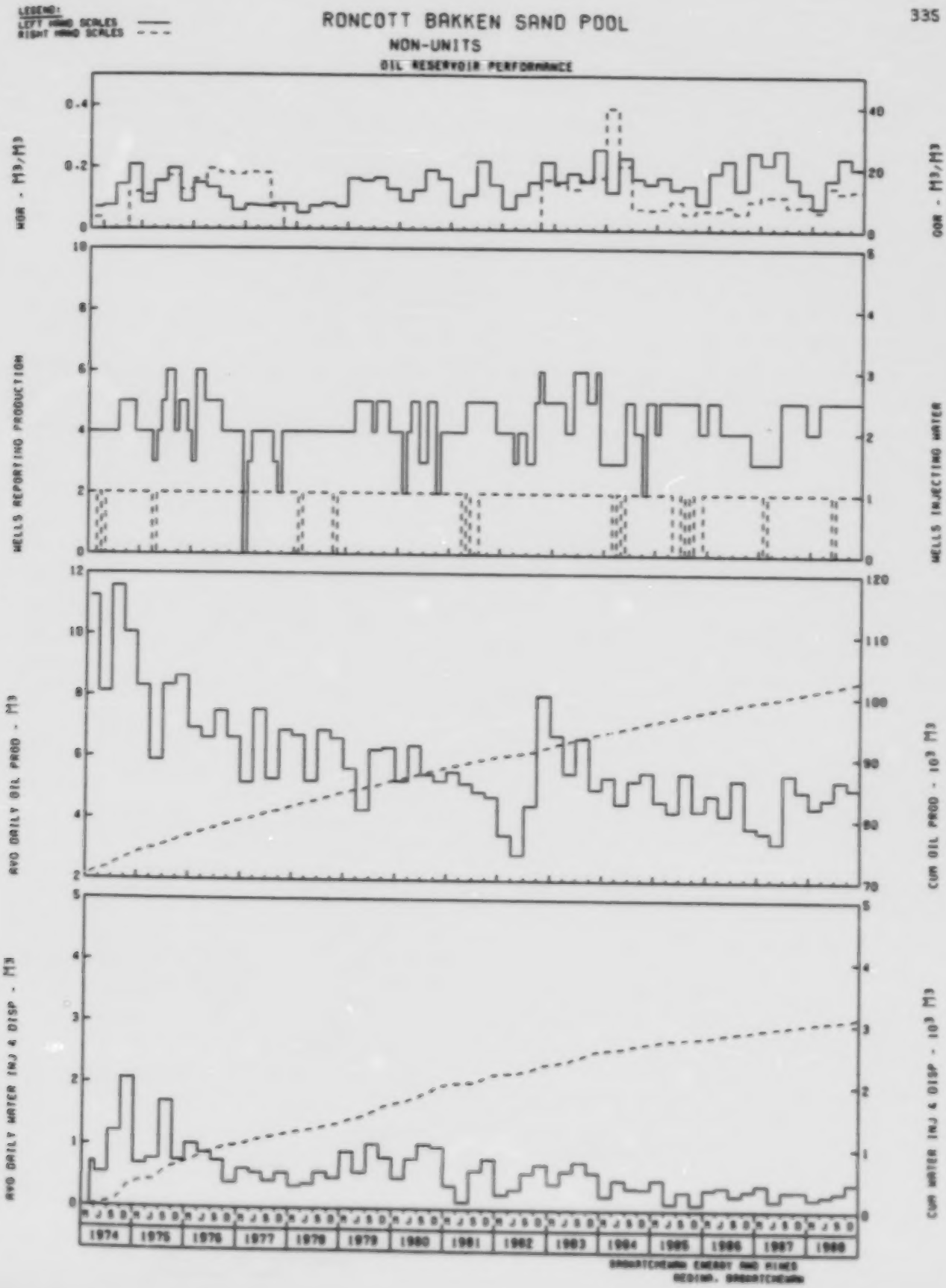
LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ROCANVILLE BAKKEN SAND POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



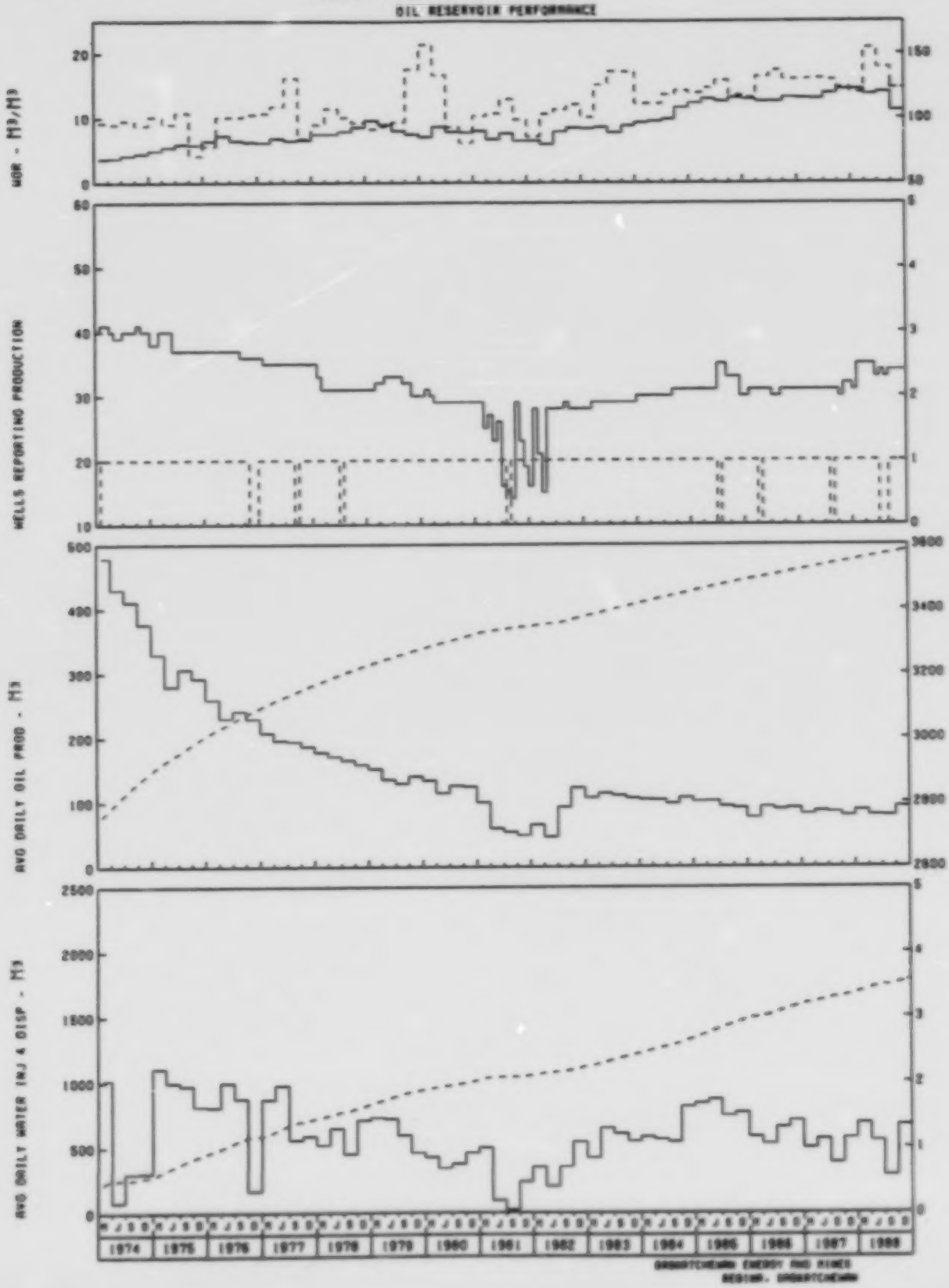

LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
RONCOTT BAKKEN SAND POOL
NON-UNITS
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
GOR - M3/M3
WELLS REPORTING PRODUCTION
WELLS INJECTING WATER
AVG DAILY OIL PROD - M3
CUM OIL PROD - 10³ M3
AVG DAILY WATER INJ & DISP - M3
CUM WATER INJ & DISP - 10³ M3
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
BROKATCHEWAN ENERGY AND MINES
REGINA, BROKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ROSEBANK ALIDA BEDS POOL

ROSEBK FROB ALIDA VOL UNIT I

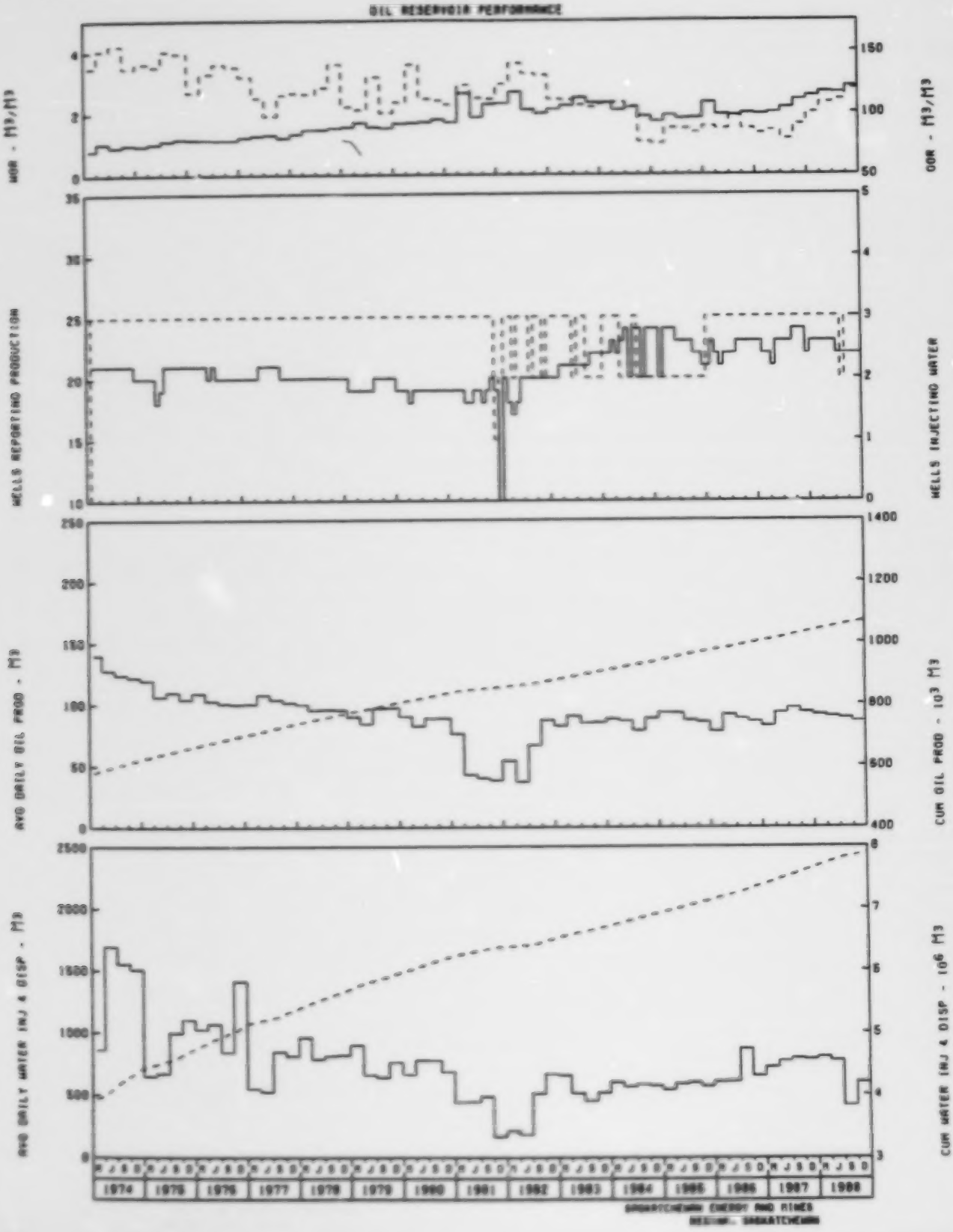
OIL RESERVOIR PERFORMANCE



ROSEBANK ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

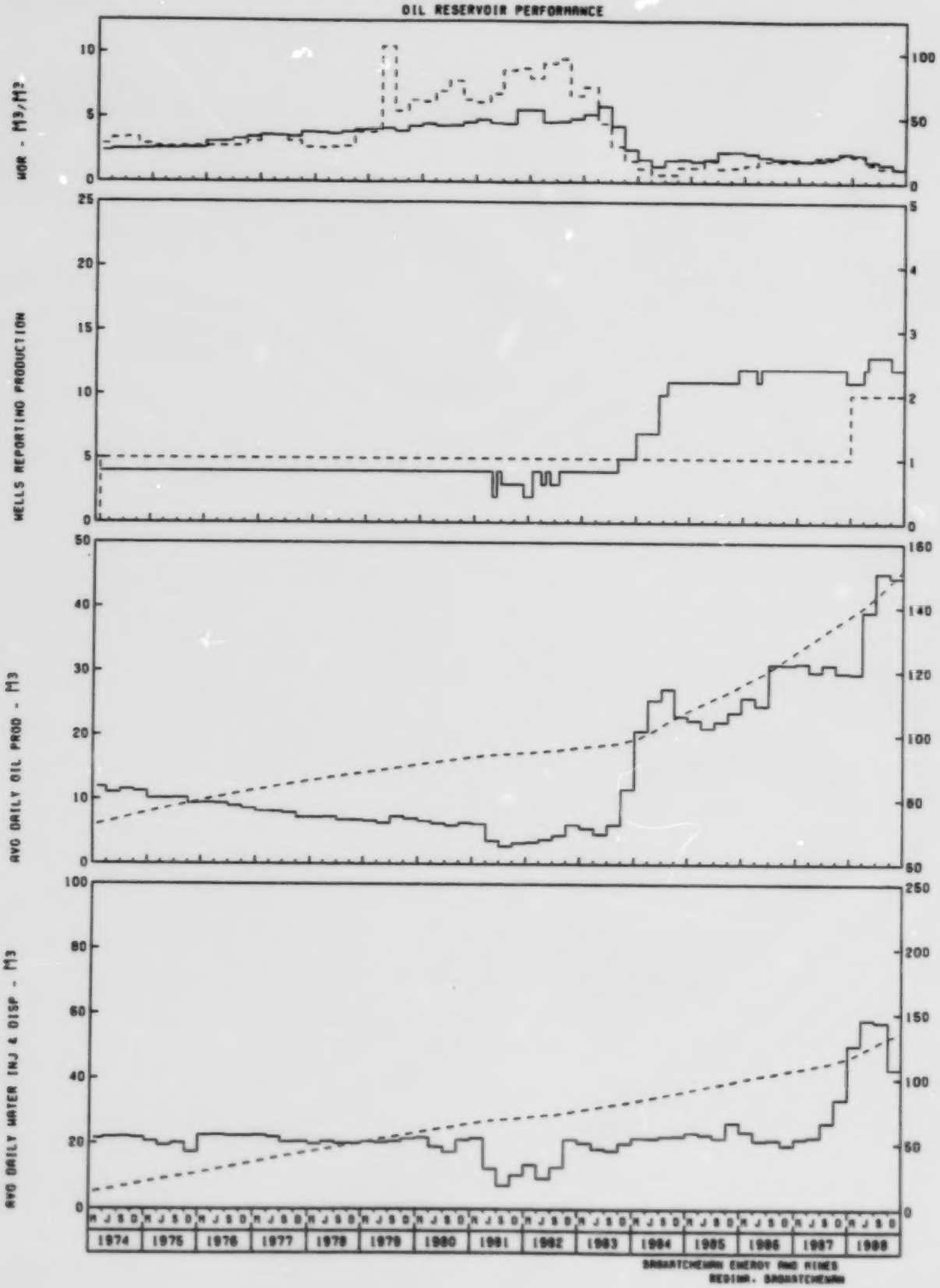


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ROSEBANK SOUTH ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



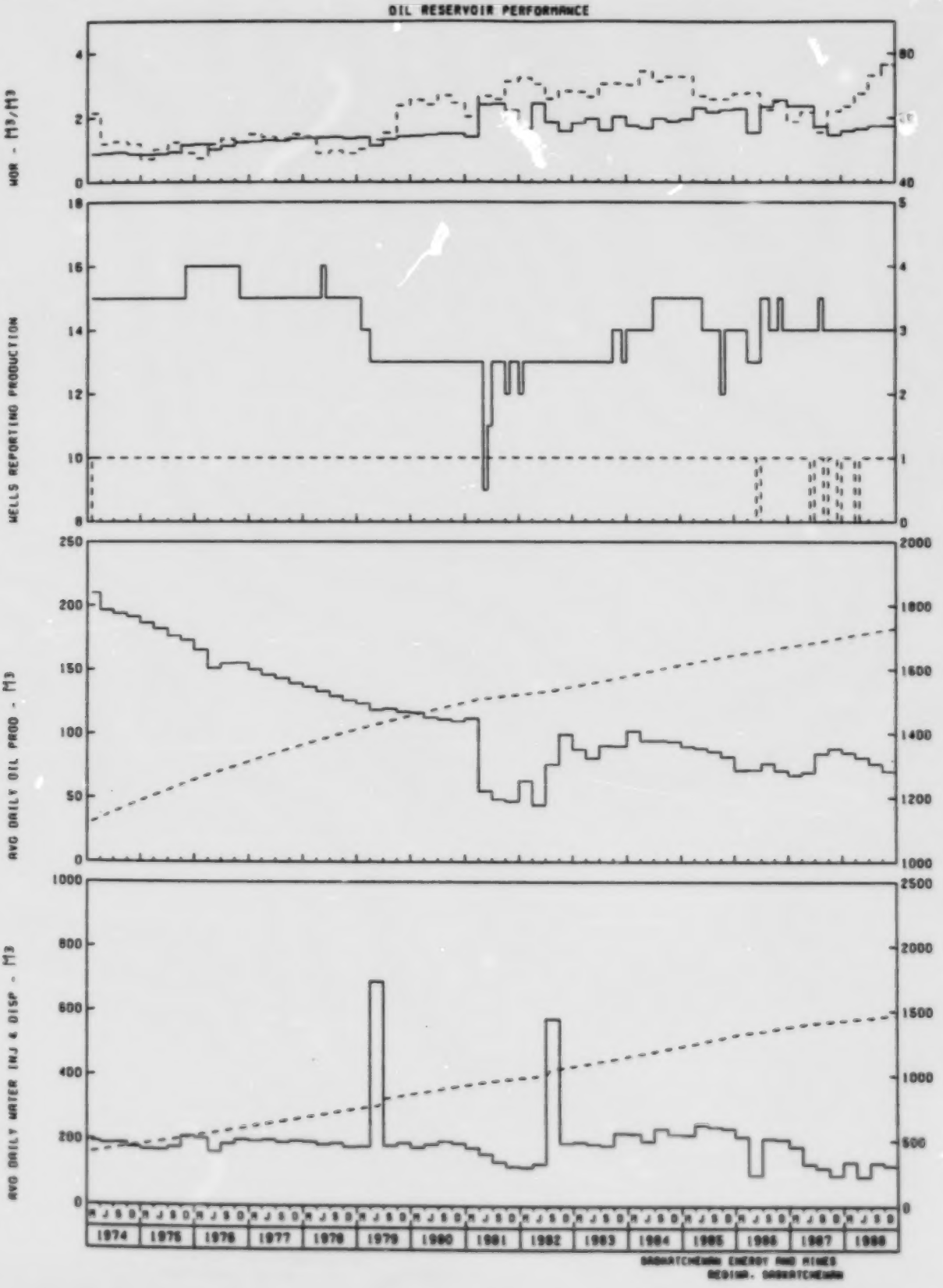
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SHERWOOD FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



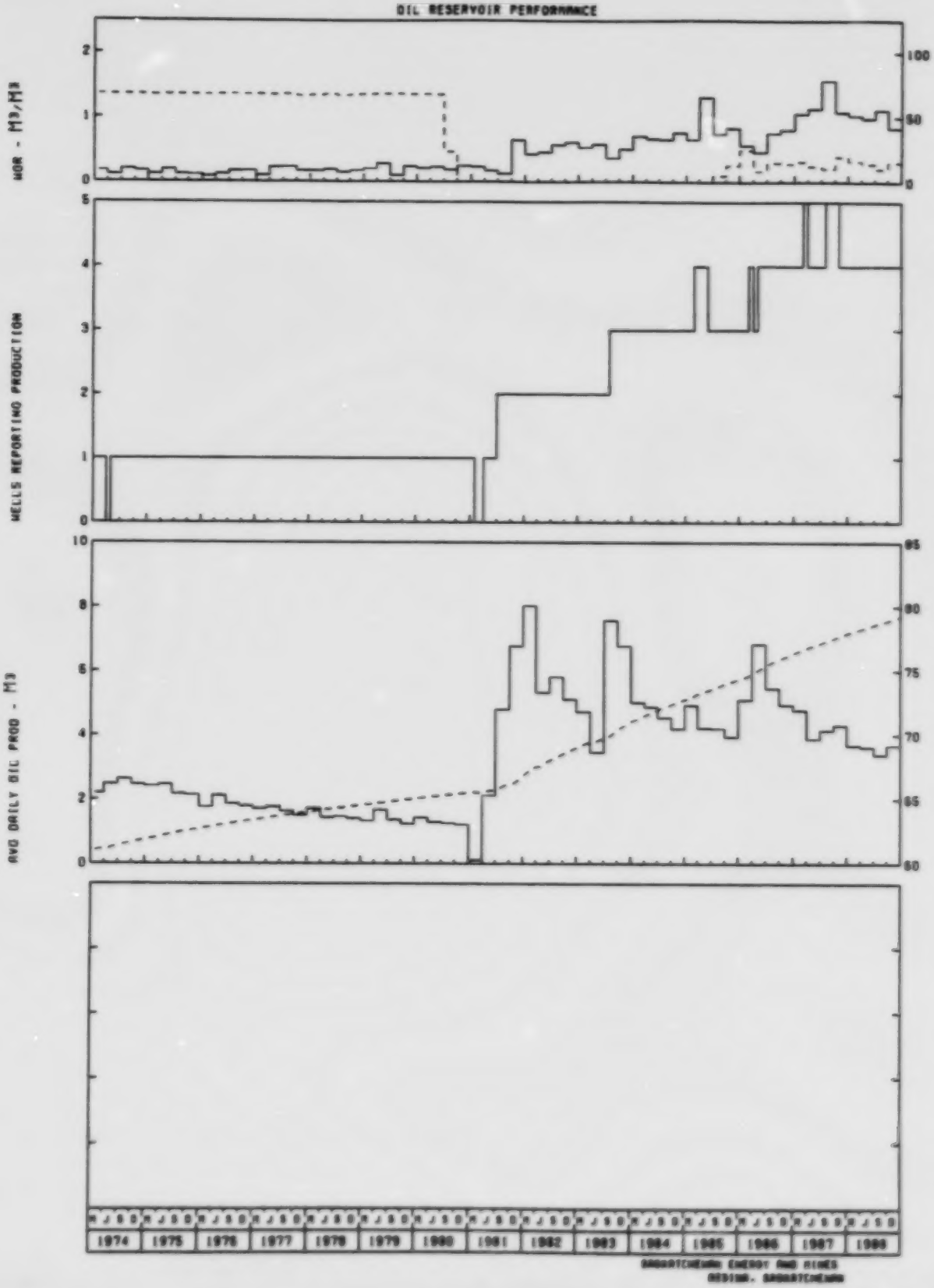
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SILVERTON FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



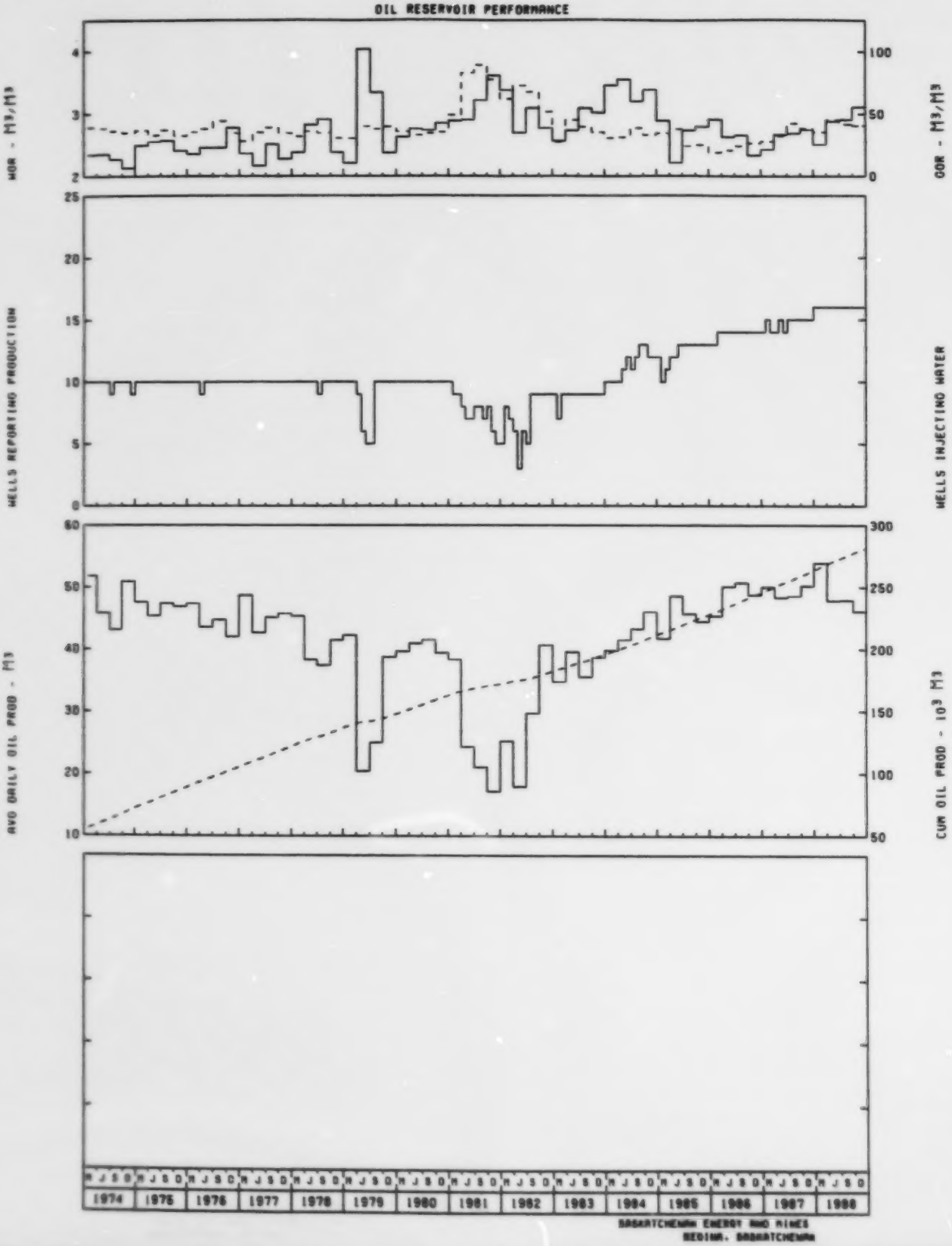
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SKINNER LAKE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



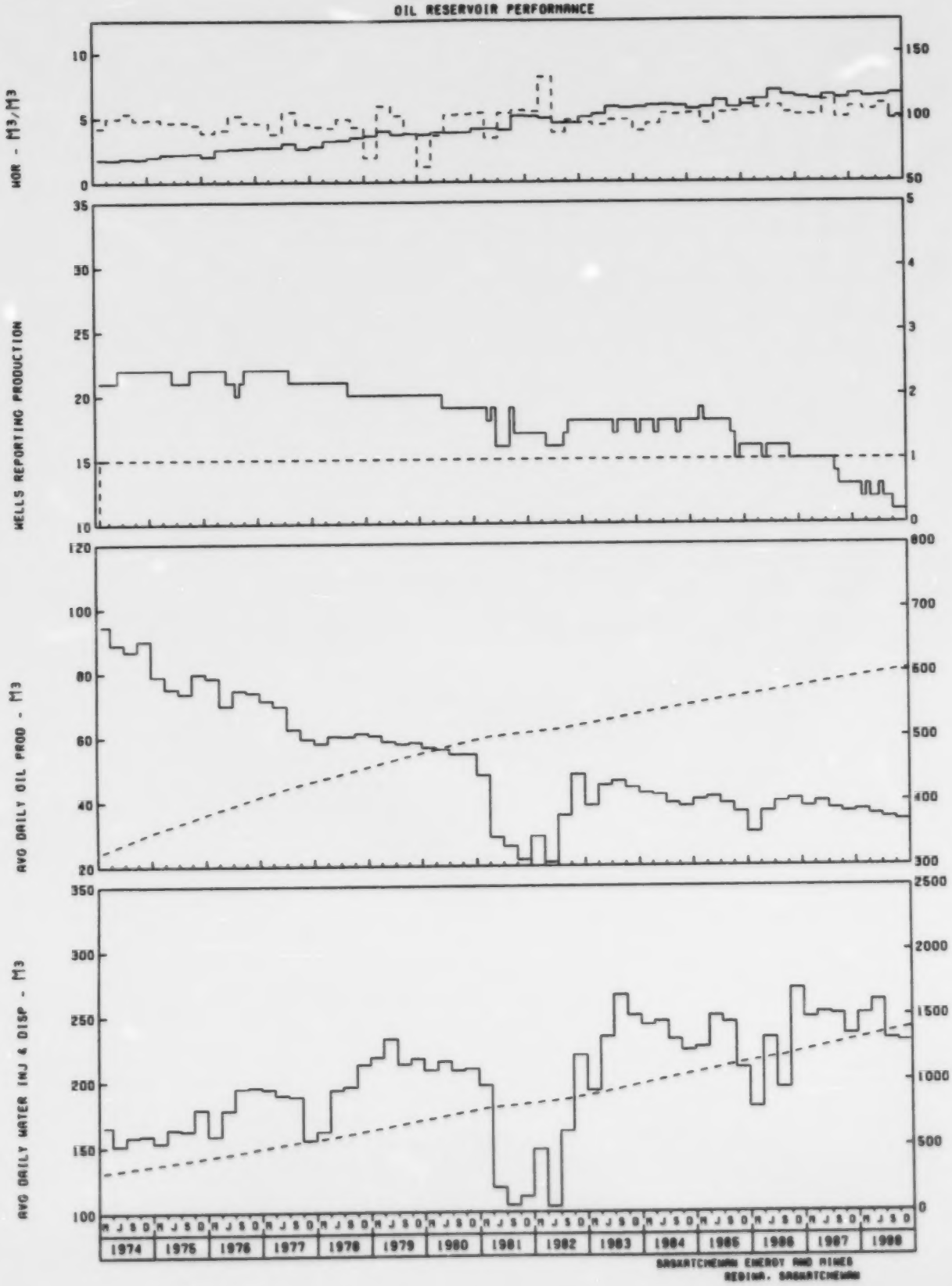
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SOURIS FLAT FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



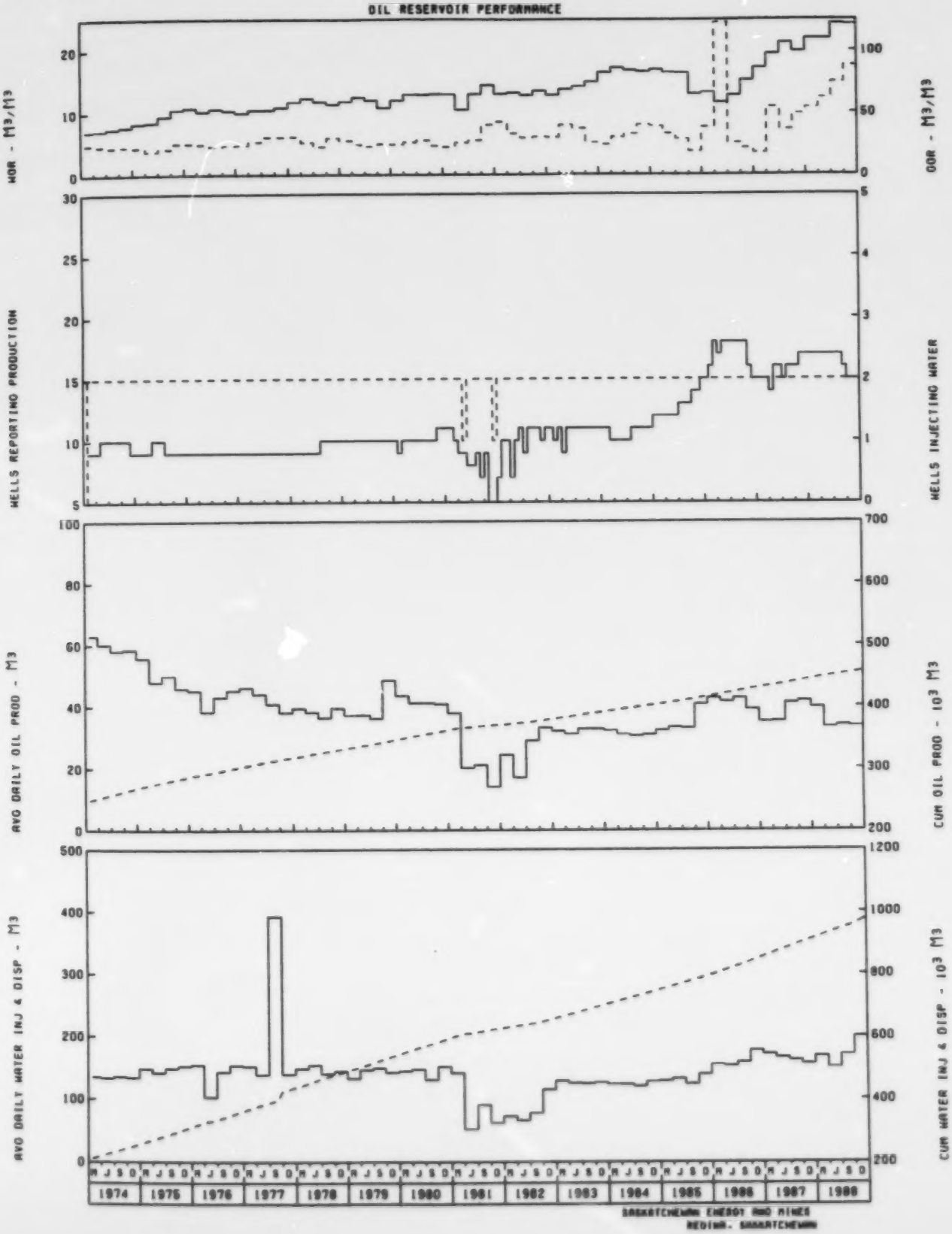
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SOUTH FLETWODE TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



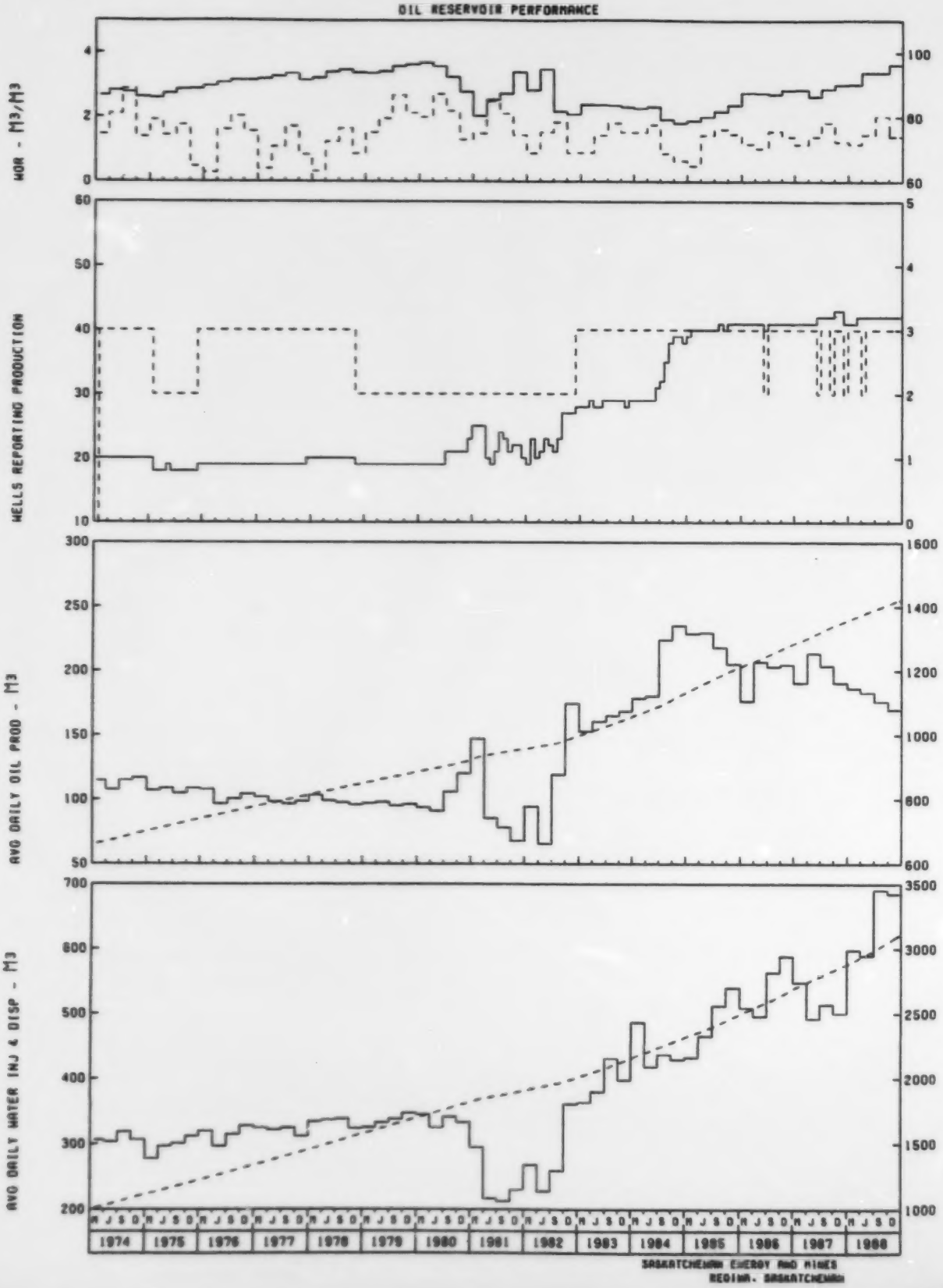
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STAR VALLEY FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



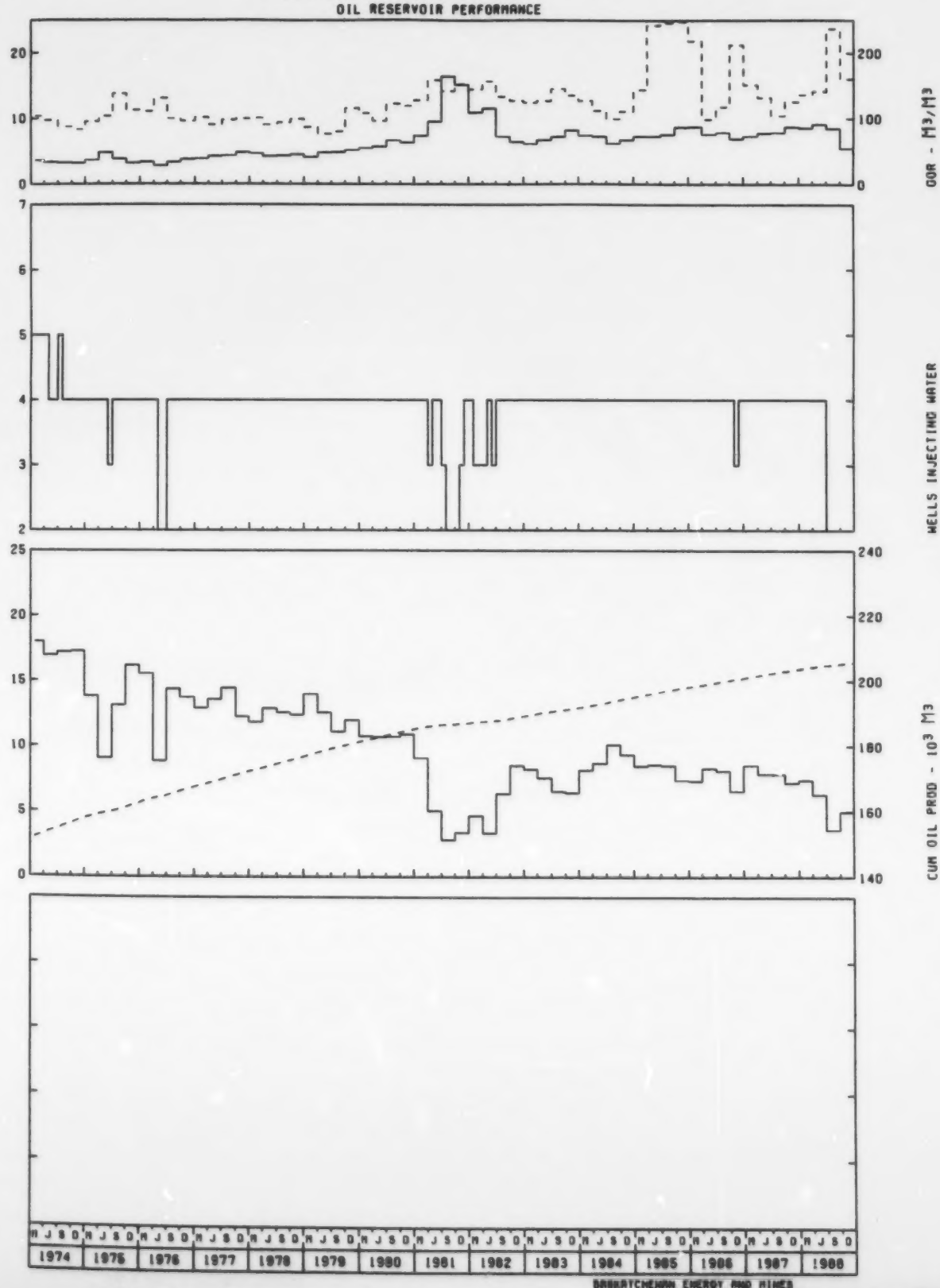
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN FROBISHER BEDS POOL

DOUGLASTON FROB BEDS UNIT

OIL RESERVOIR PERFORMANCE



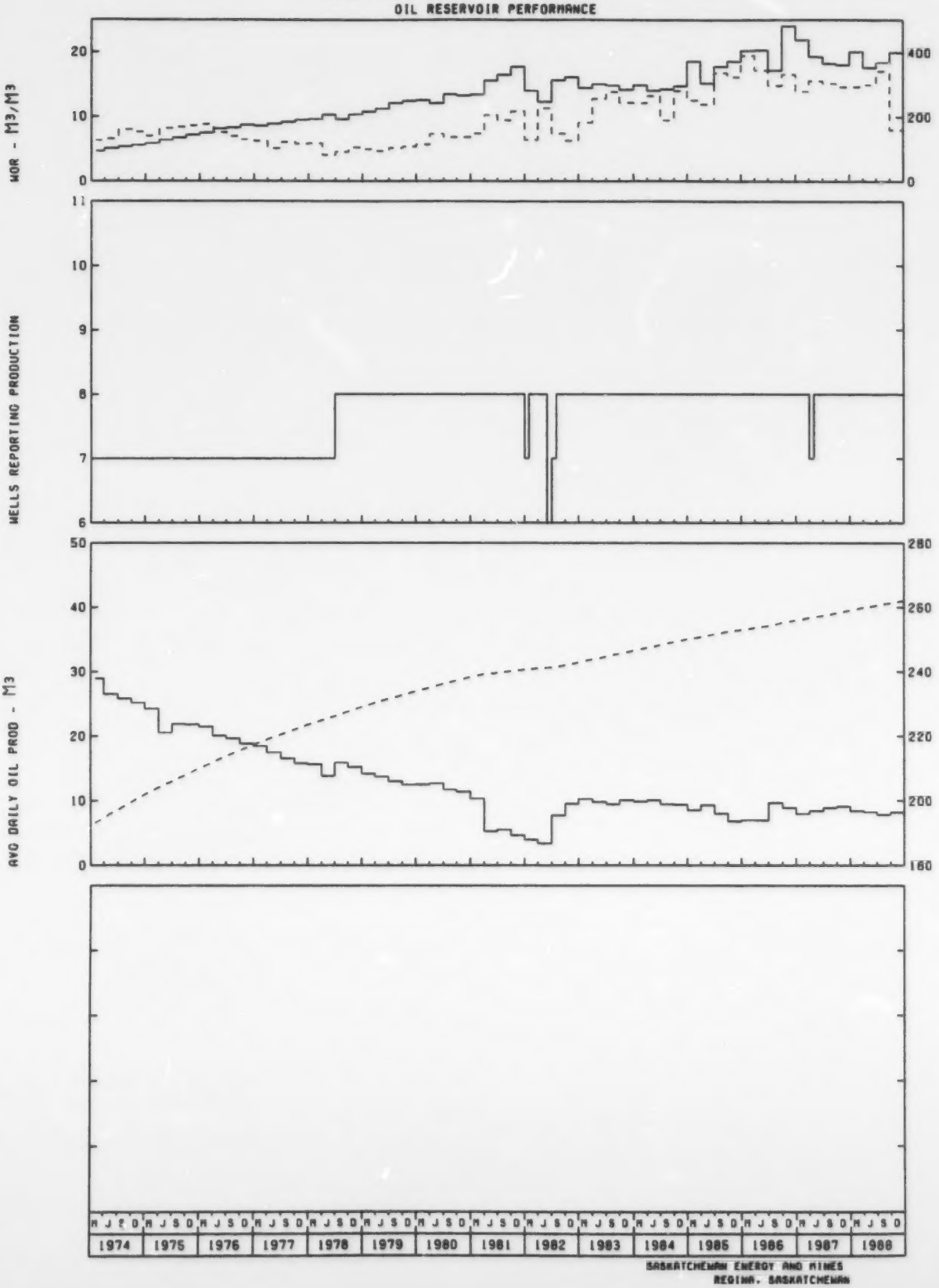
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN FROBISHER BEDS POOL

STLM FROB BEDS VOL UNIT 1

OIL RESERVOIR PERFORMANCE



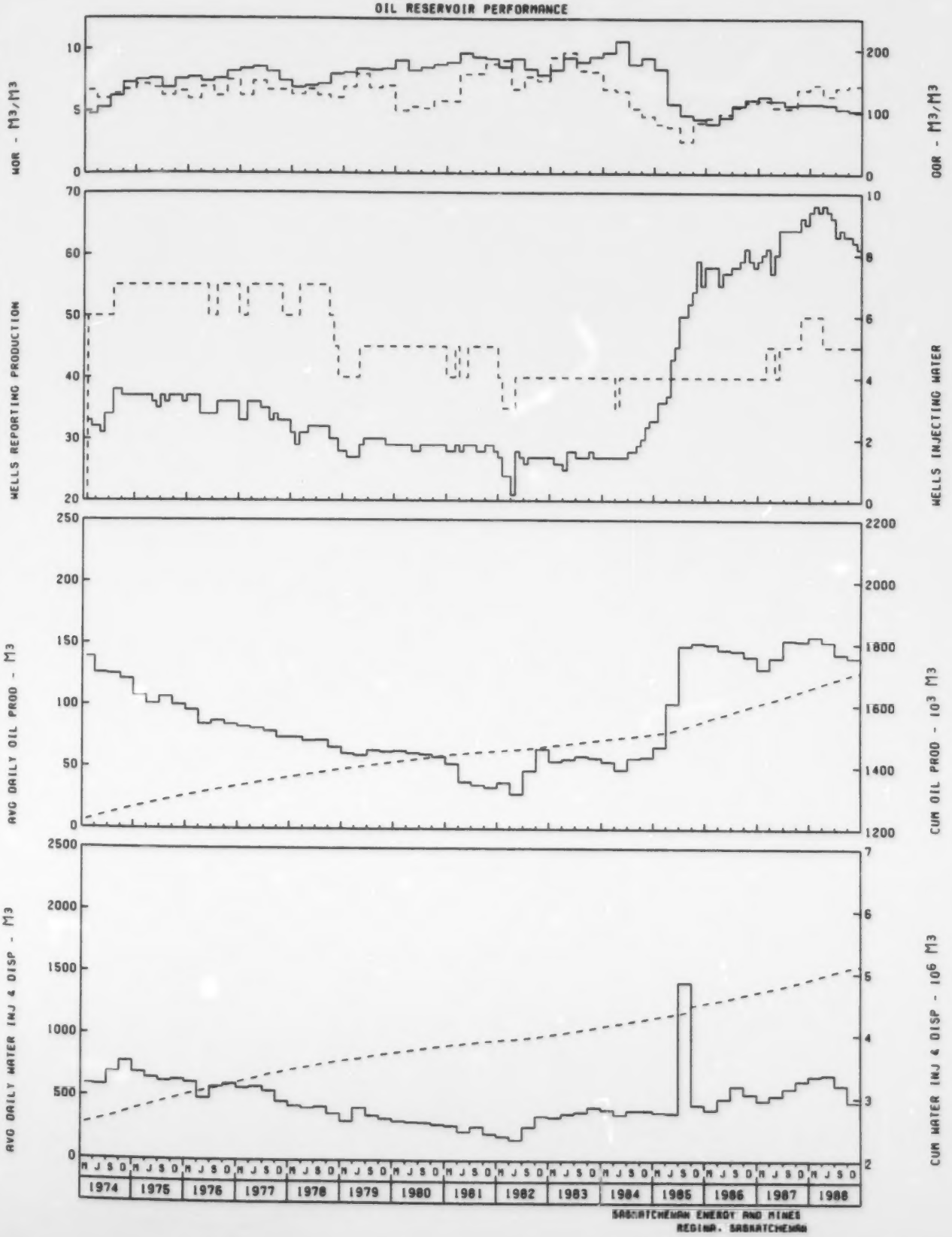
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

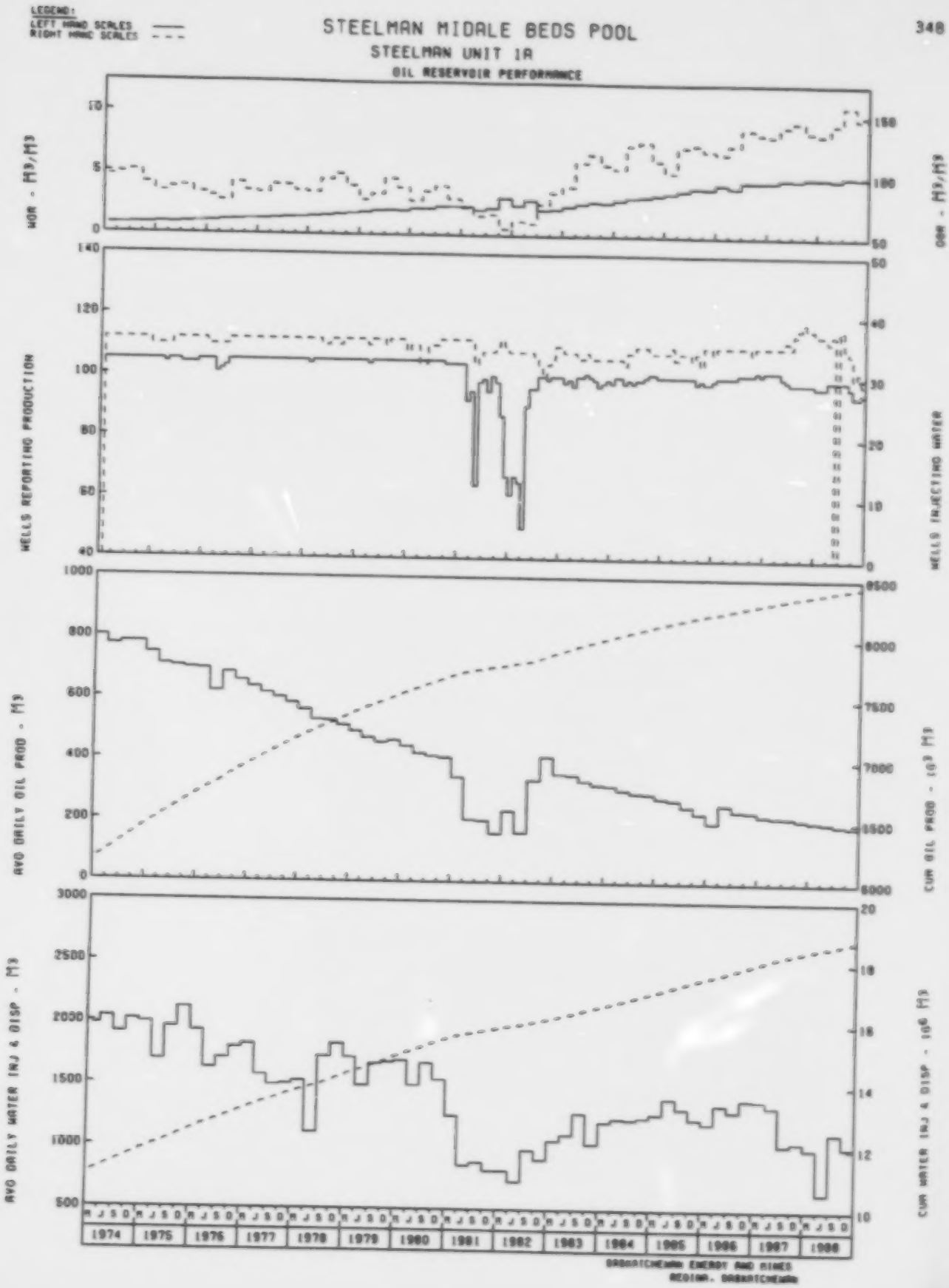
STEELMAN FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



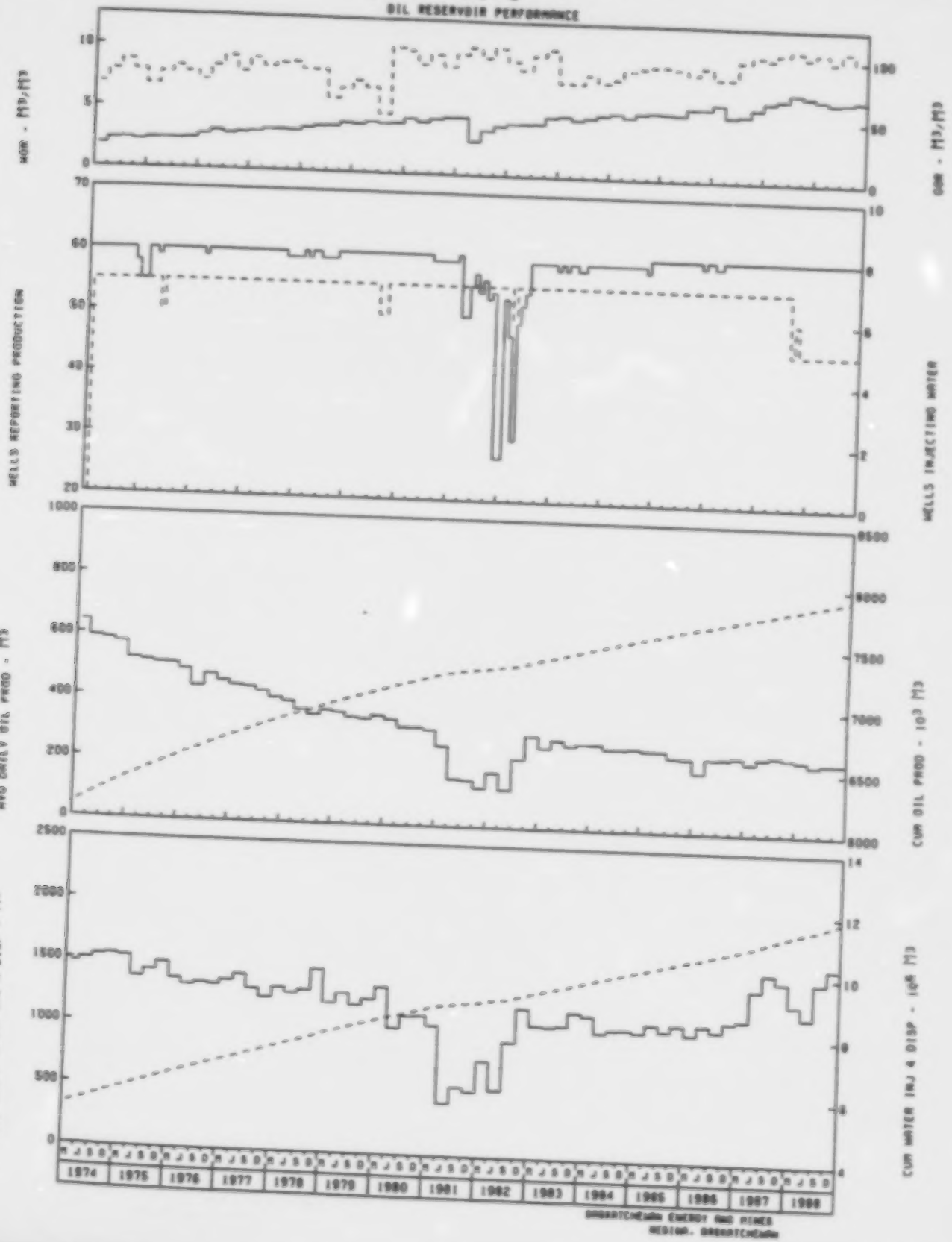
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN


LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
STEELMAN MIDALE BEDS POOL
STEELMAN UNIT 1A
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
GOR - M3/M3
WELLS REPORTING PRODUCTION
WELLS INJECTING WATER
AVG DAILY OIL PROD - M3
CUM OIL PROD - 10³ M3
AVG DAILY WATER INJ & DISP - M3
CUM WATER INJ & DISP - 10⁶ M3
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

STEELMAN MIDALE BEDS POOL

STEELMAN UNIT 2

OIL RESERVOIR PERFORMANCE



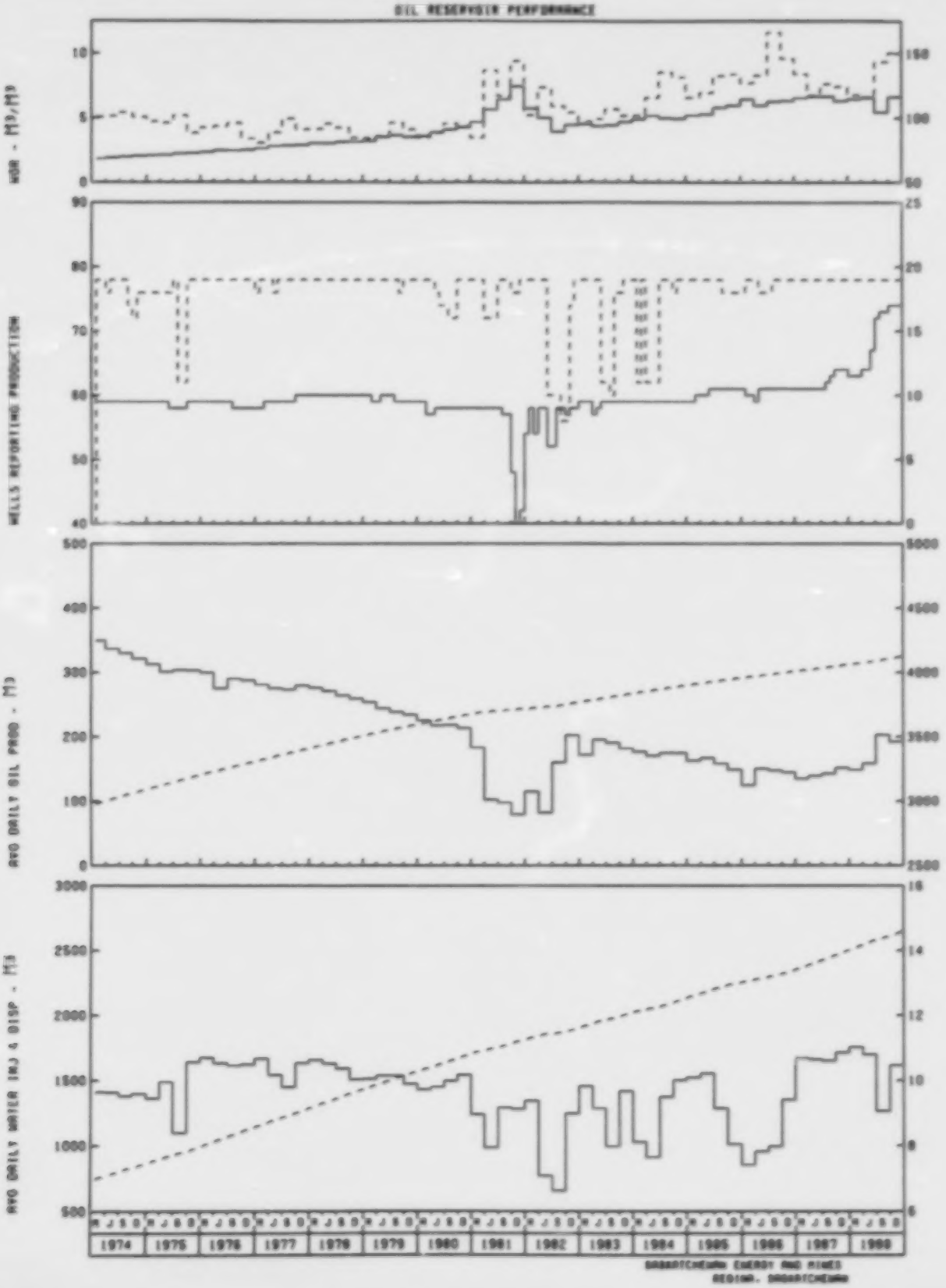
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

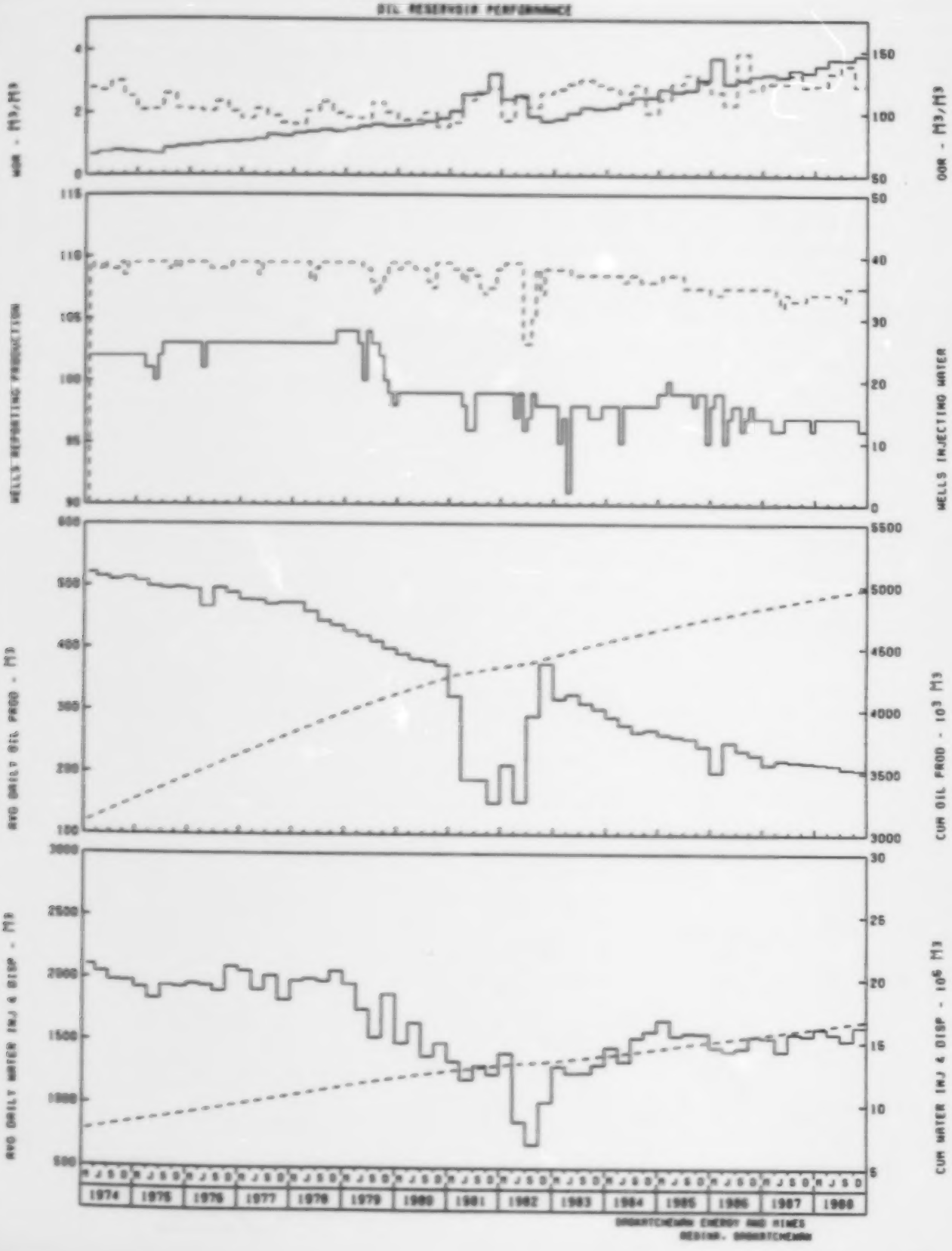
STEELMAN MIDALE BEDS POOL

STEELMAN UNIT 3

OIL RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

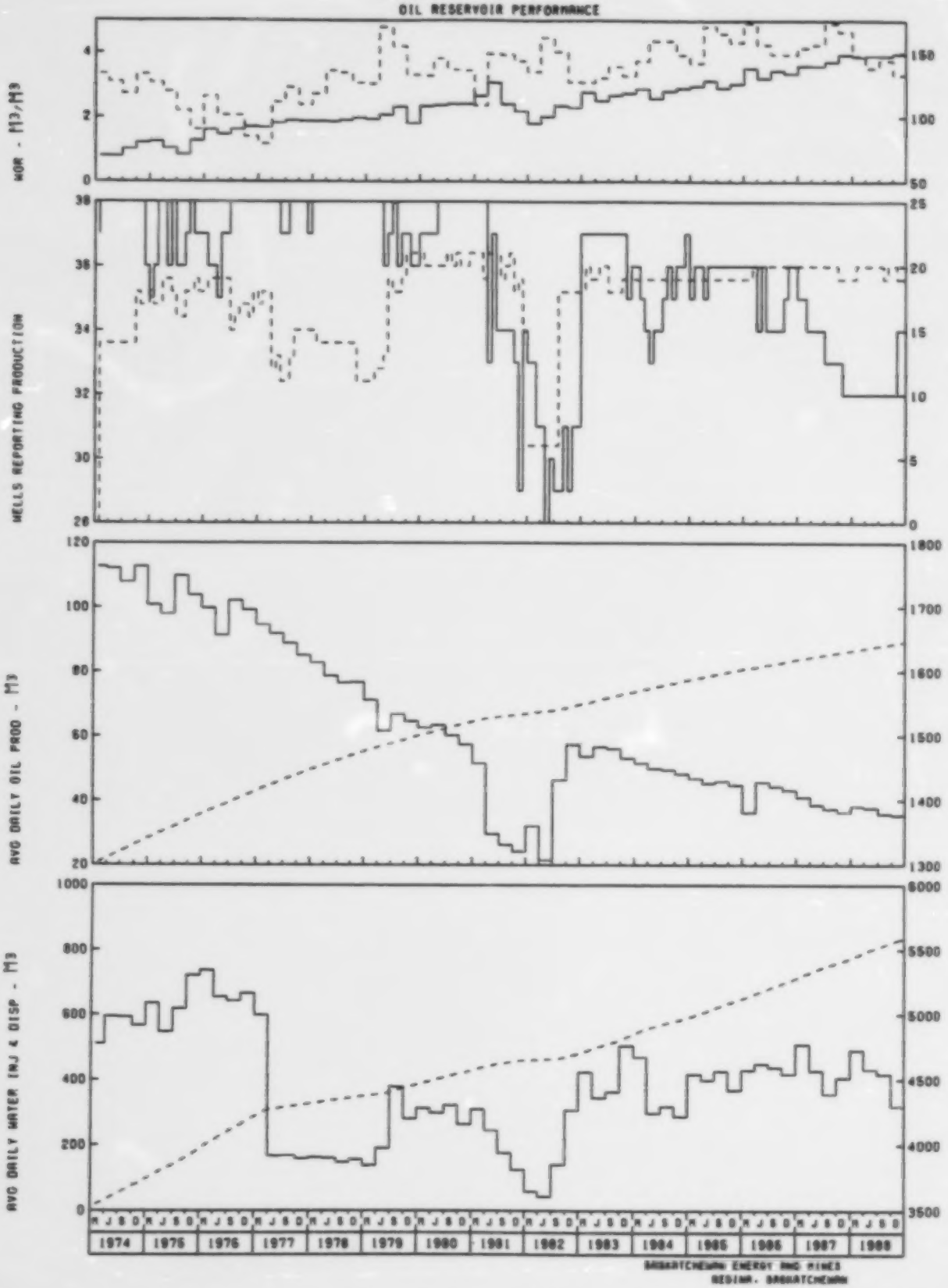

LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
STEELMAN MIDALE BEDS POOL
STEELMAN UNIT 4
OIL RESERVOIR PERFORMANCE
WOR - M3/M3
OOR - M3/M3
WELLS REPORTING PRODUCTION
WELLS INJECTING WATER
AVG DAILY OIL PROD - M3
CUM OIL PROD - 10^3 M3
AVG DAILY WATER INJ & DISP - M3
CUM WATER INJ & DISP - 10^6 M3
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

STEELMAN UNIT 5

OIL RESERVOIR PERFORMANCE



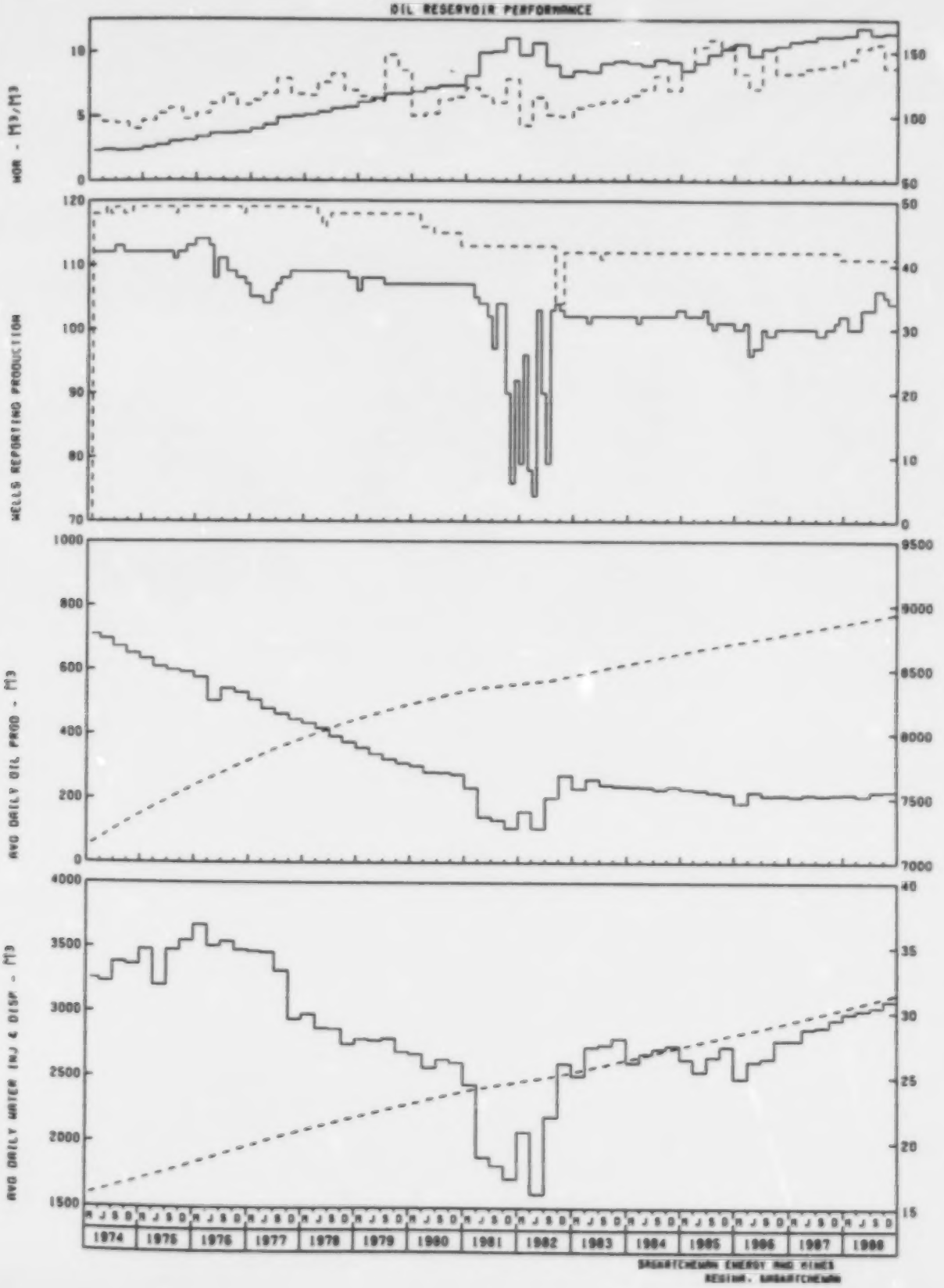
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

STEELMAN UNIT 6

OIL RESERVOIR PERFORMANCE



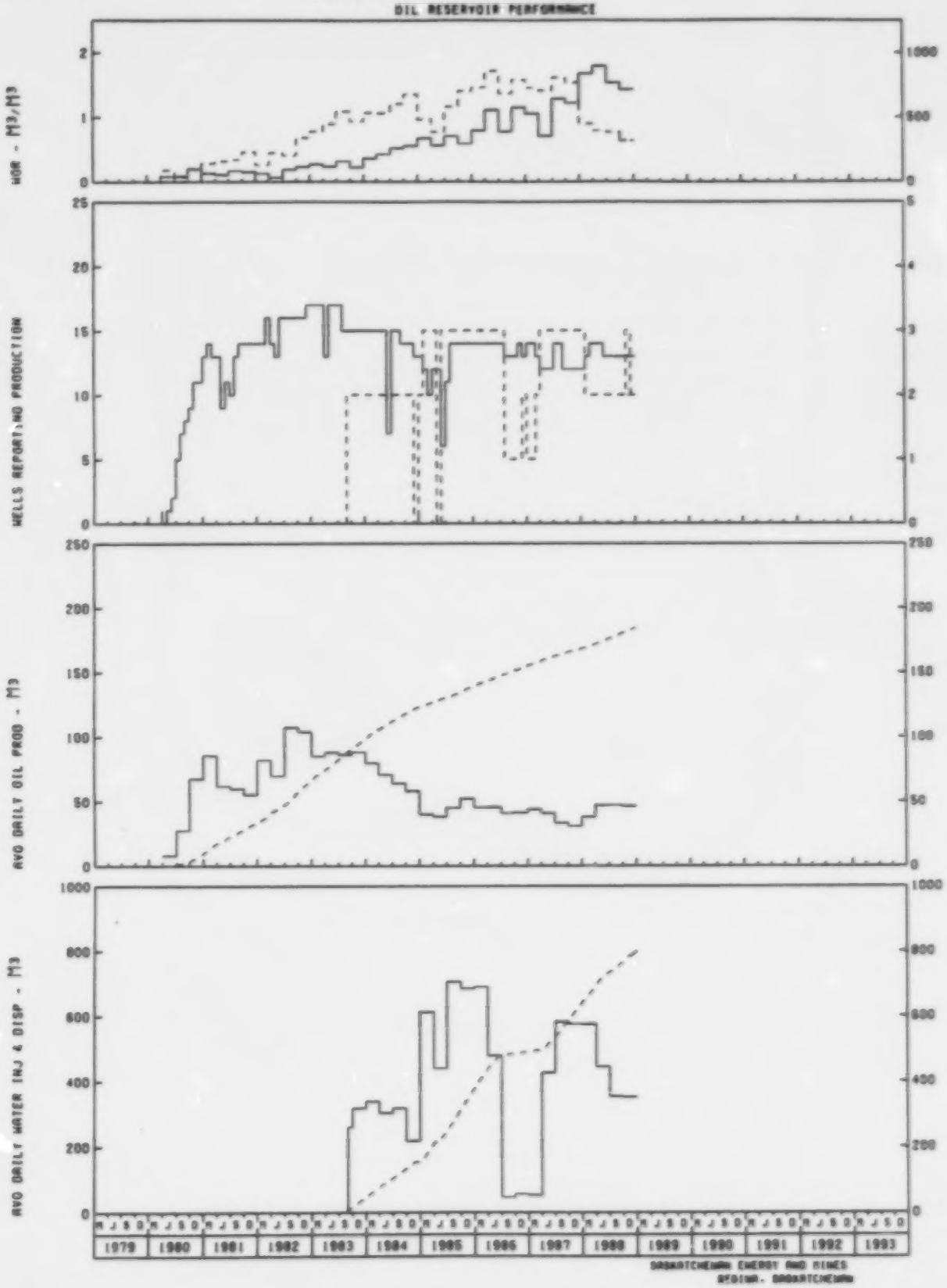
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

STEELMAN N MIDALE VOL UNIT 1

OIL RESERVOIR PERFORMANCE



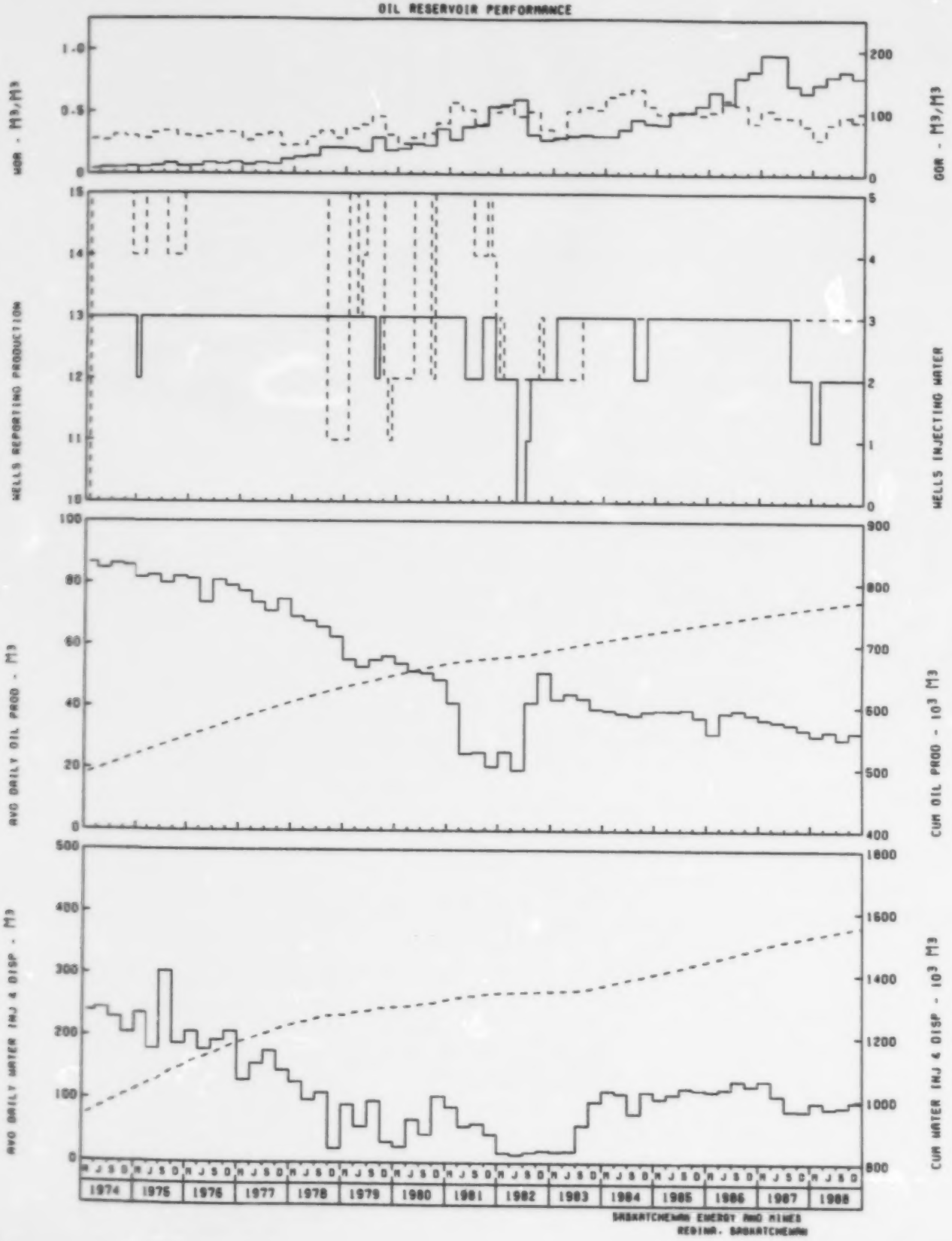
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

STEELMAN UNIT 7

OIL RESERVOIR PERFORMANCE



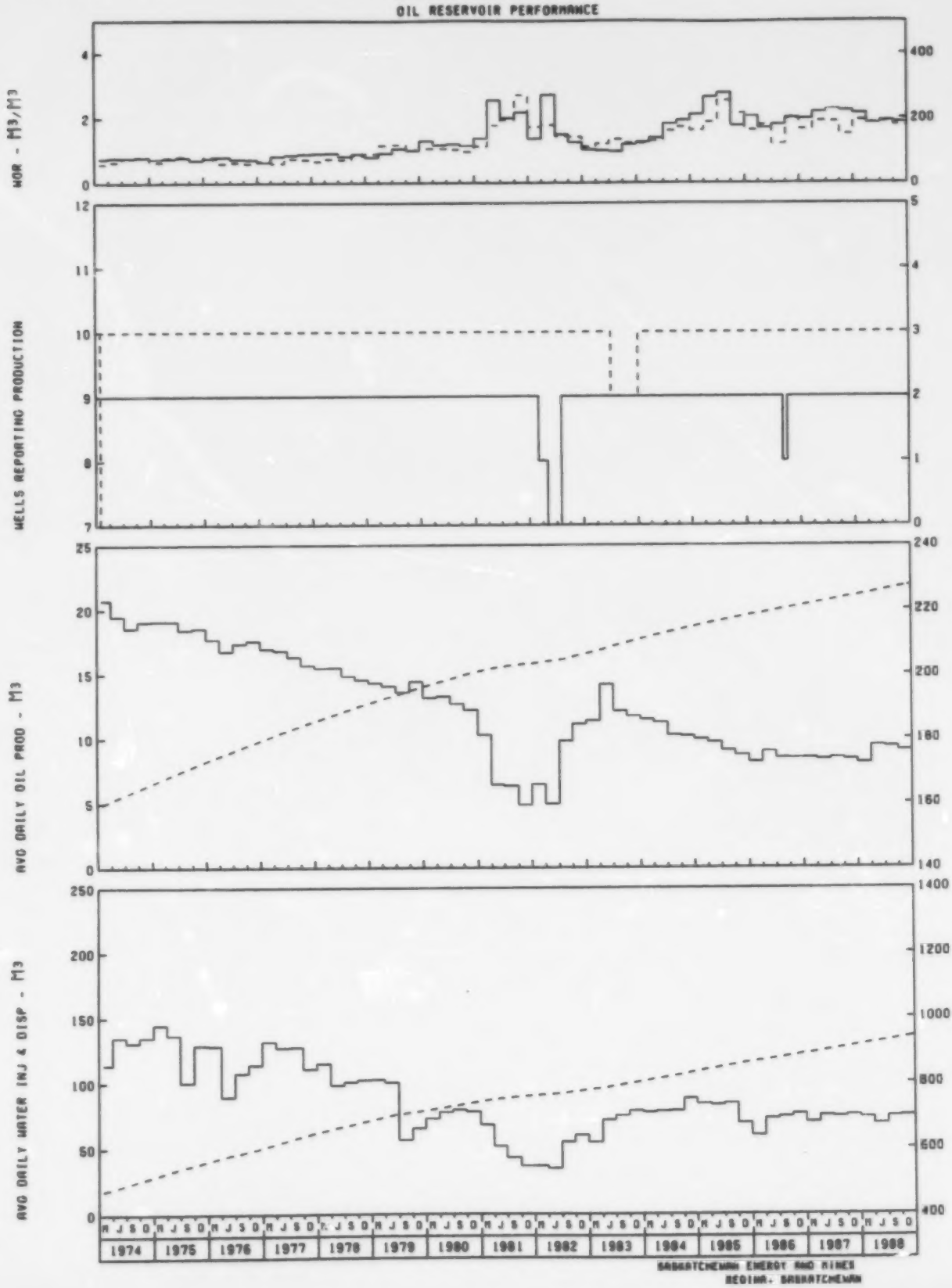
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

LAMPMAN UNIT

OIL RESERVOIR PERFORMANCE



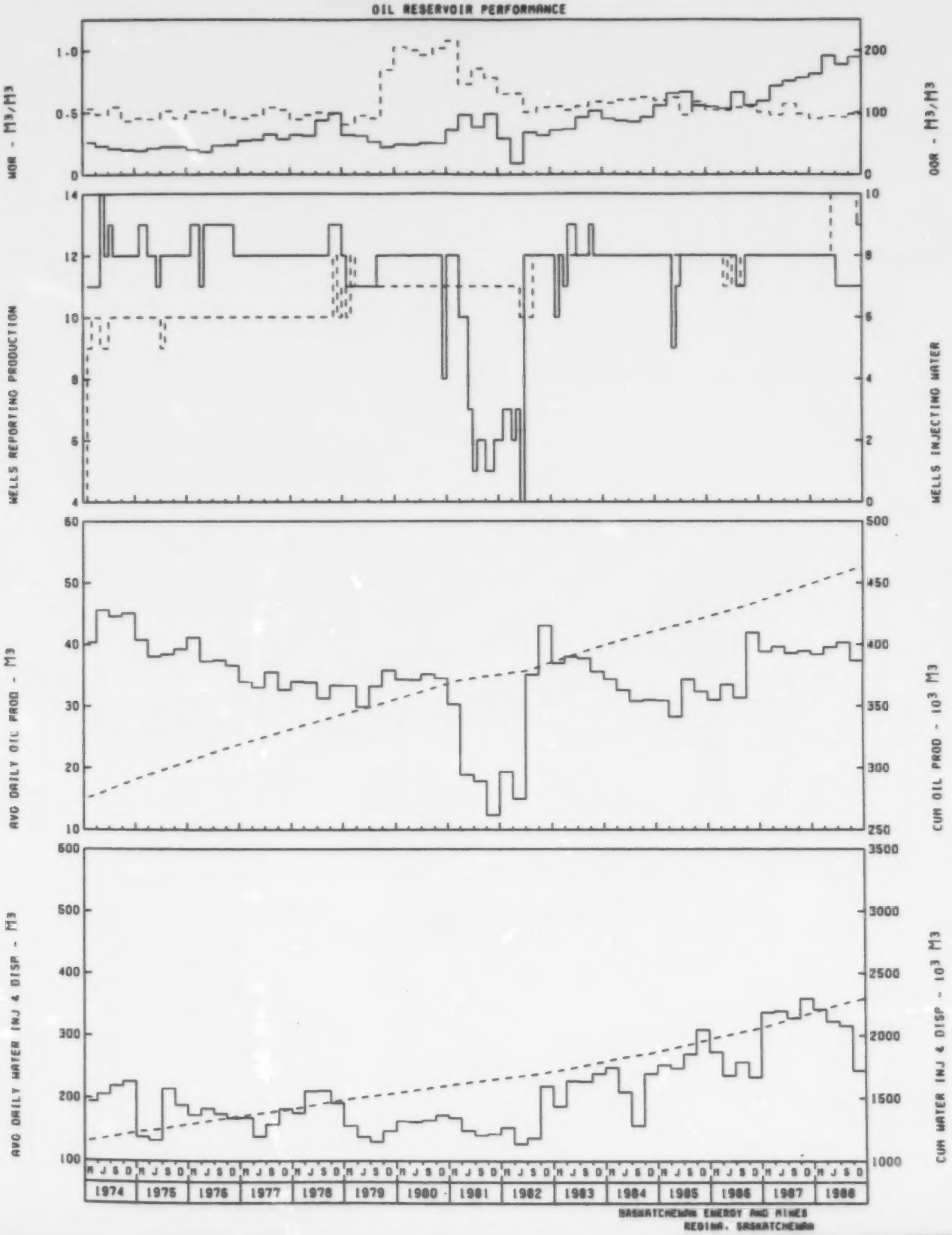
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

DOUGLASTON MIDALE UNIT

OIL RESERVOIR PERFORMANCE



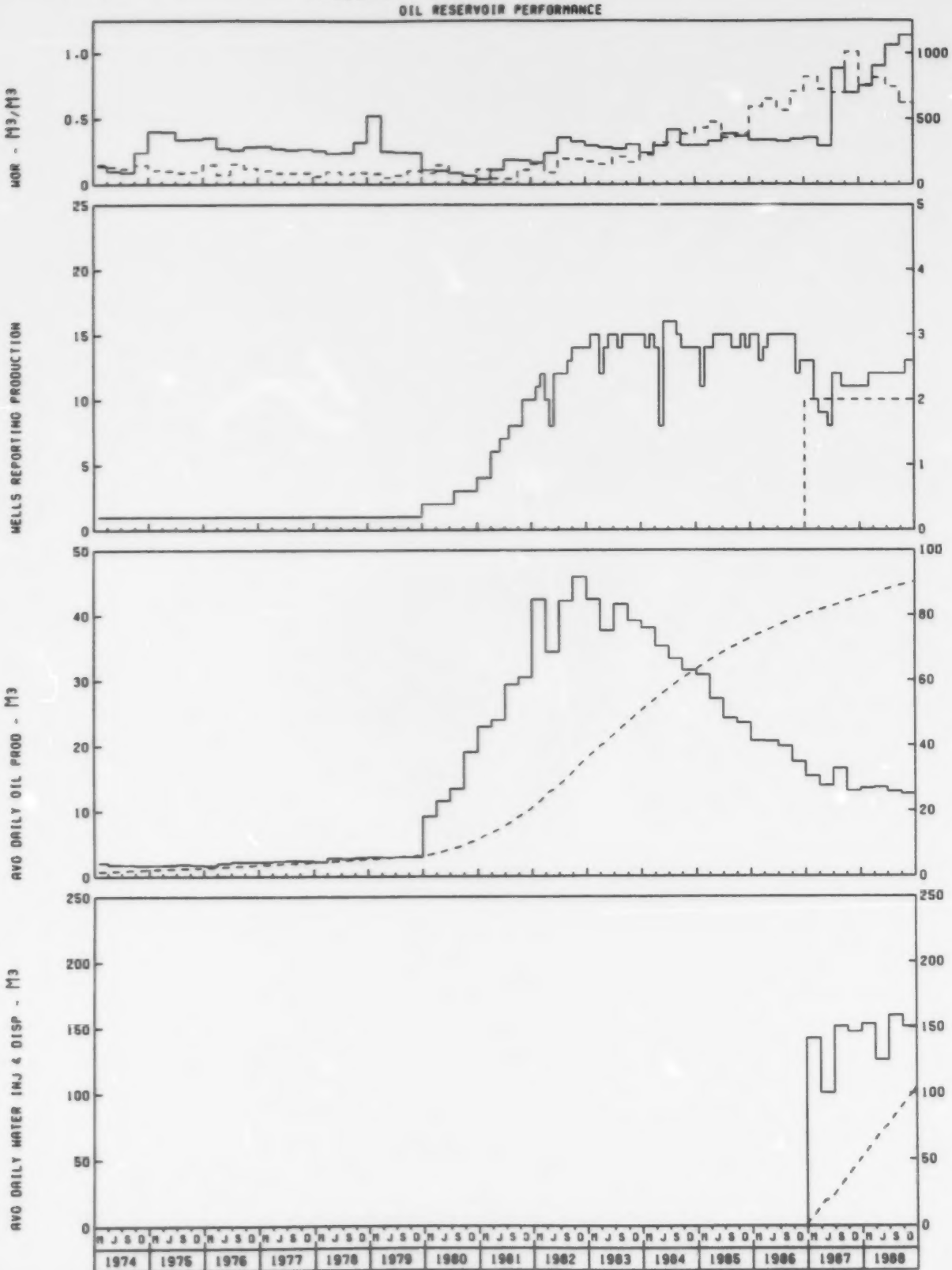
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

STEELMAN N MIDALE VOL UNIT 2

OIL RESERVOIR PERFORMANCE



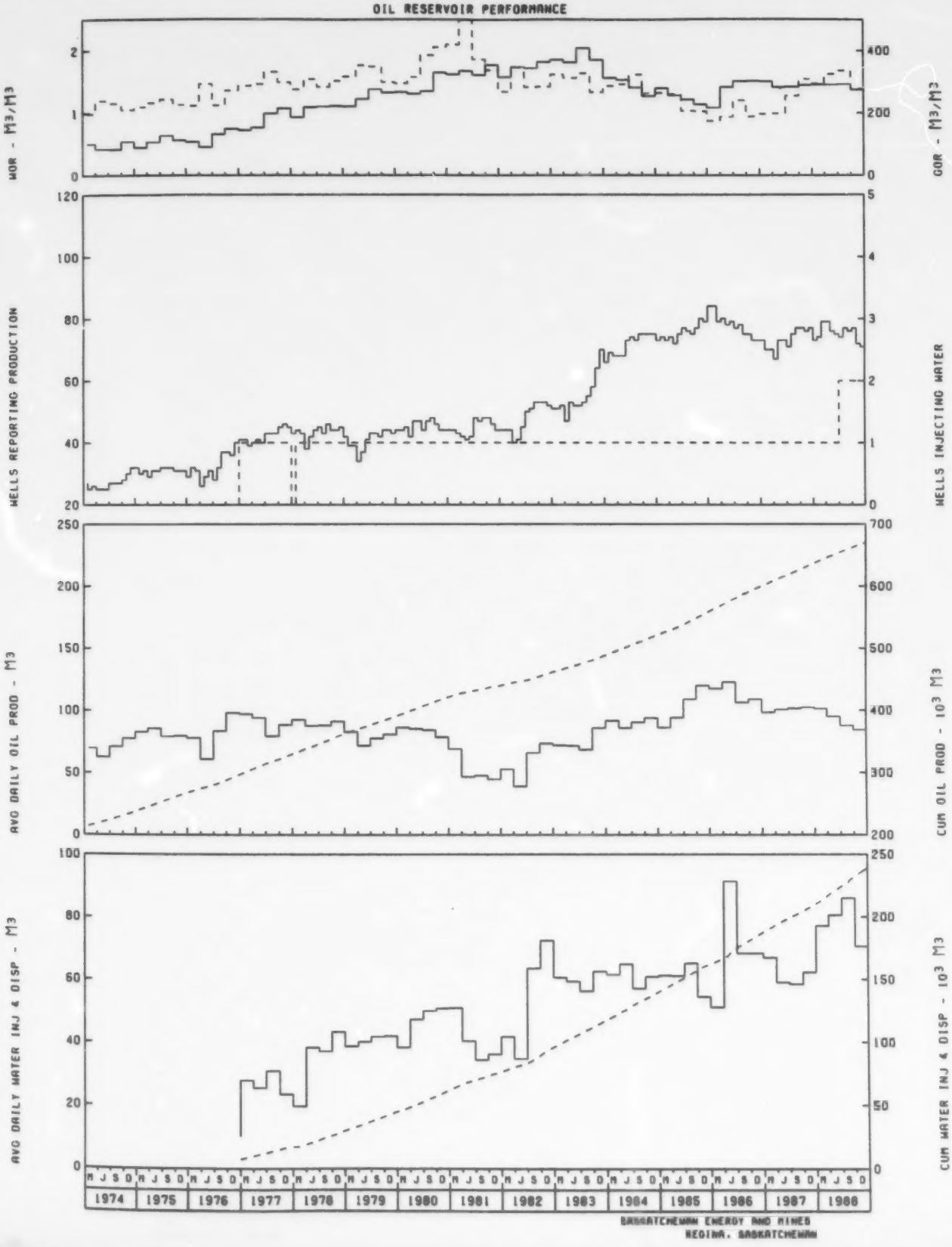
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STEELMAN MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



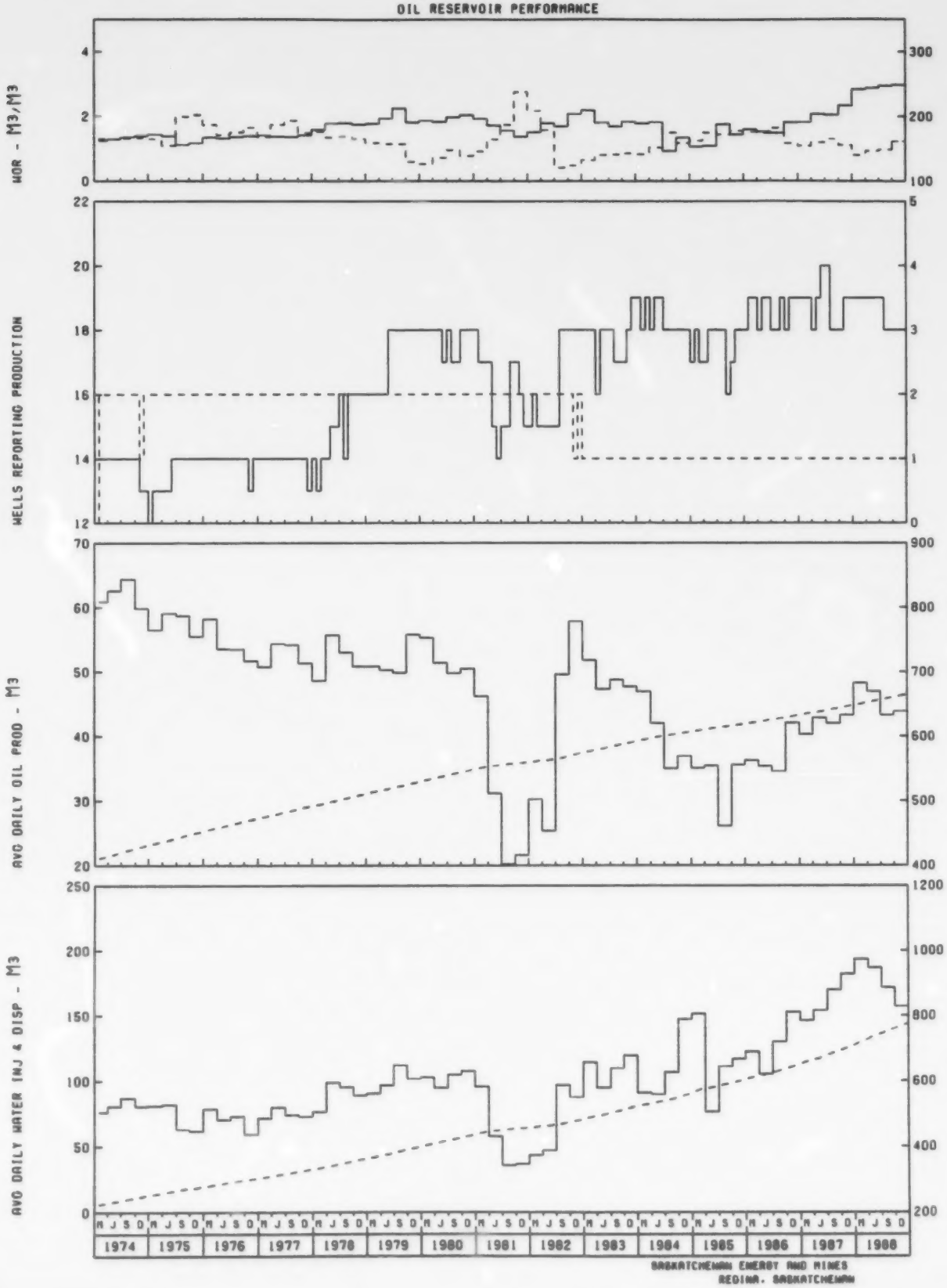
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STORTHOAKS ALIDA TILSTON BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



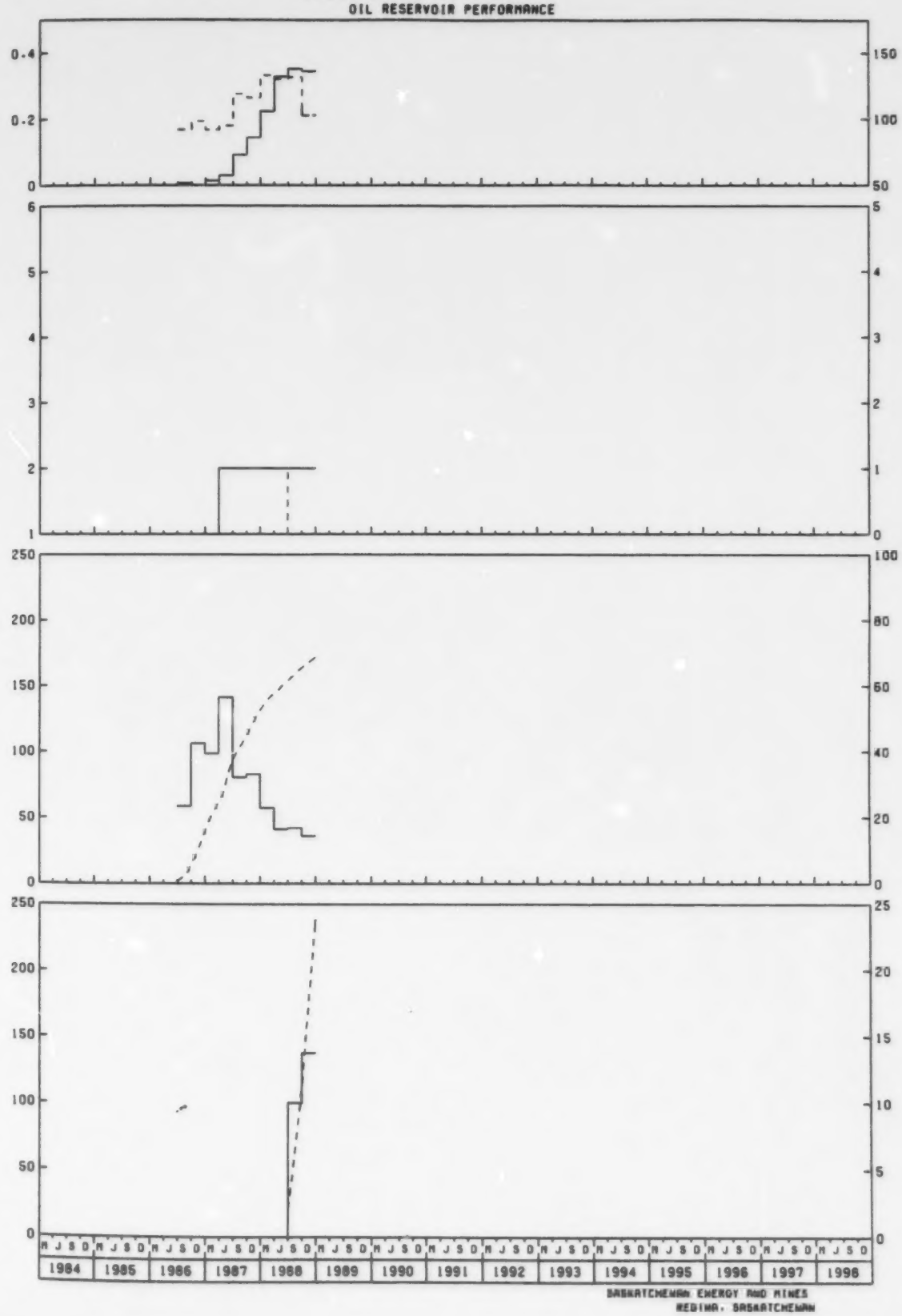
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TABLELAND WINNIPEGOSIS POOL

TABLELAND VOL UNIT NO 1

OIL RESERVOIR PERFORMANCE



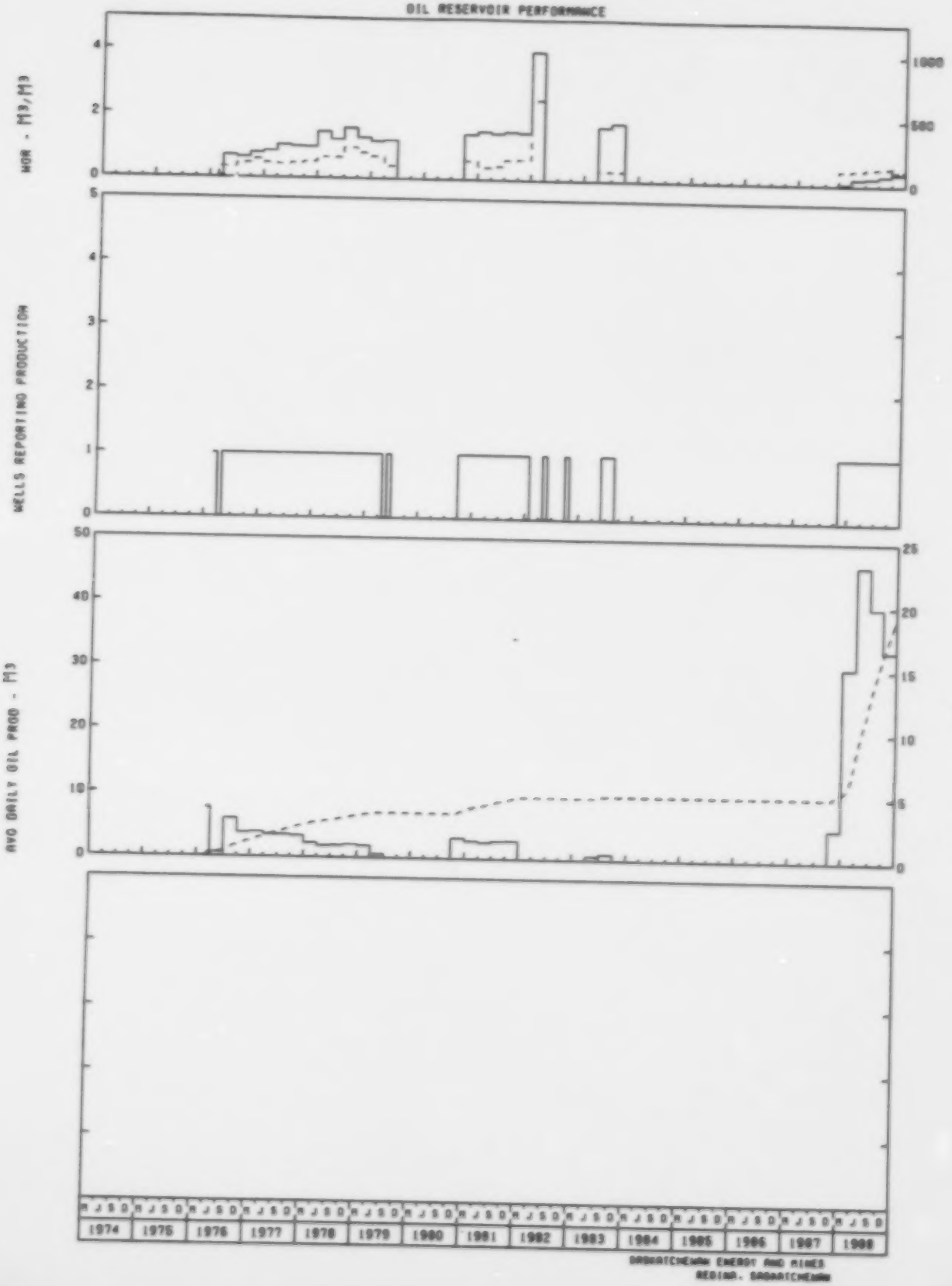
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

TABLELAND WINNIPEGOSIS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

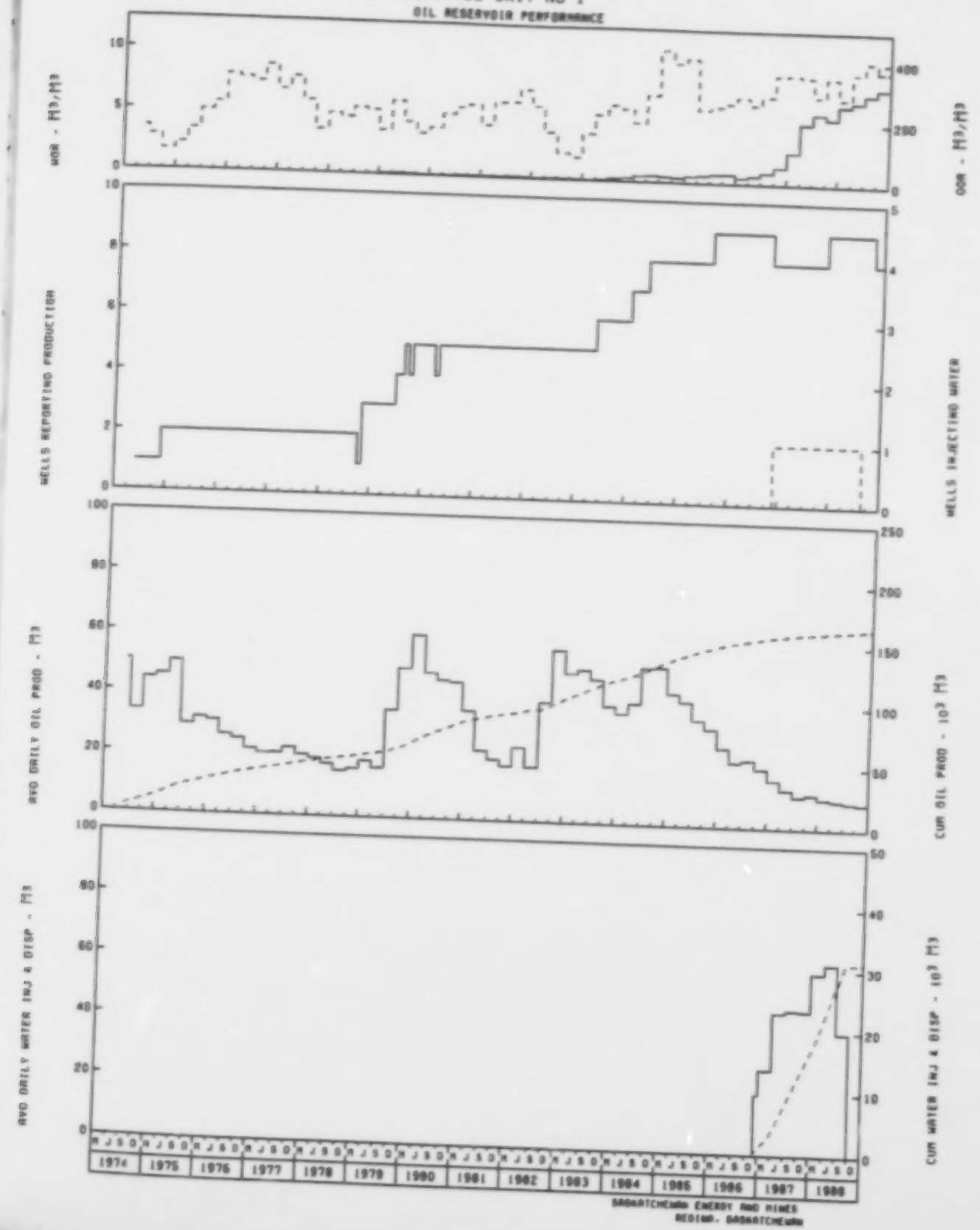


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

VIEWFIELD FROBISHER BEDS POOL

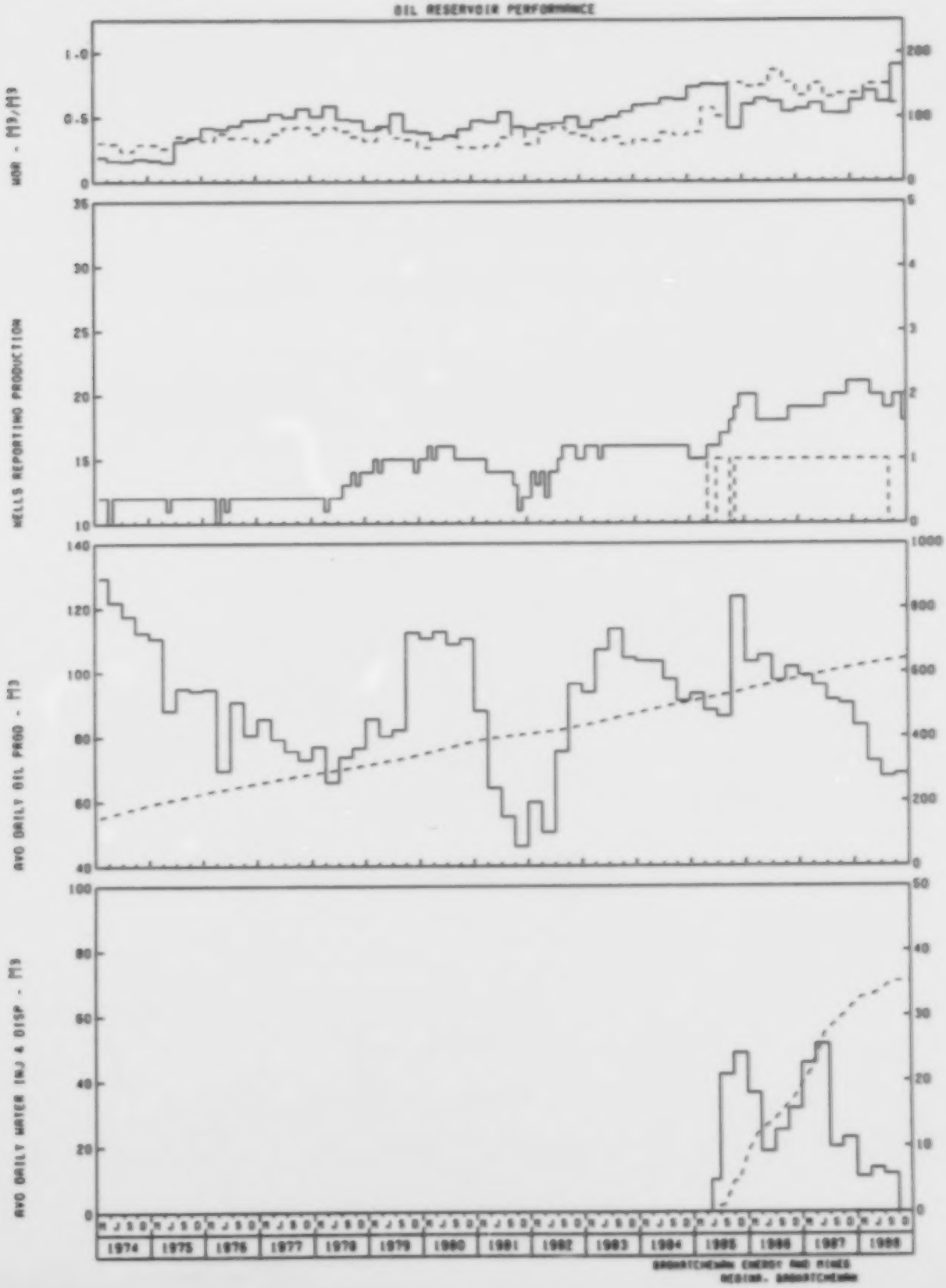
VIEWFIELD VOL UNIT NO 1



VIEWFIELD FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

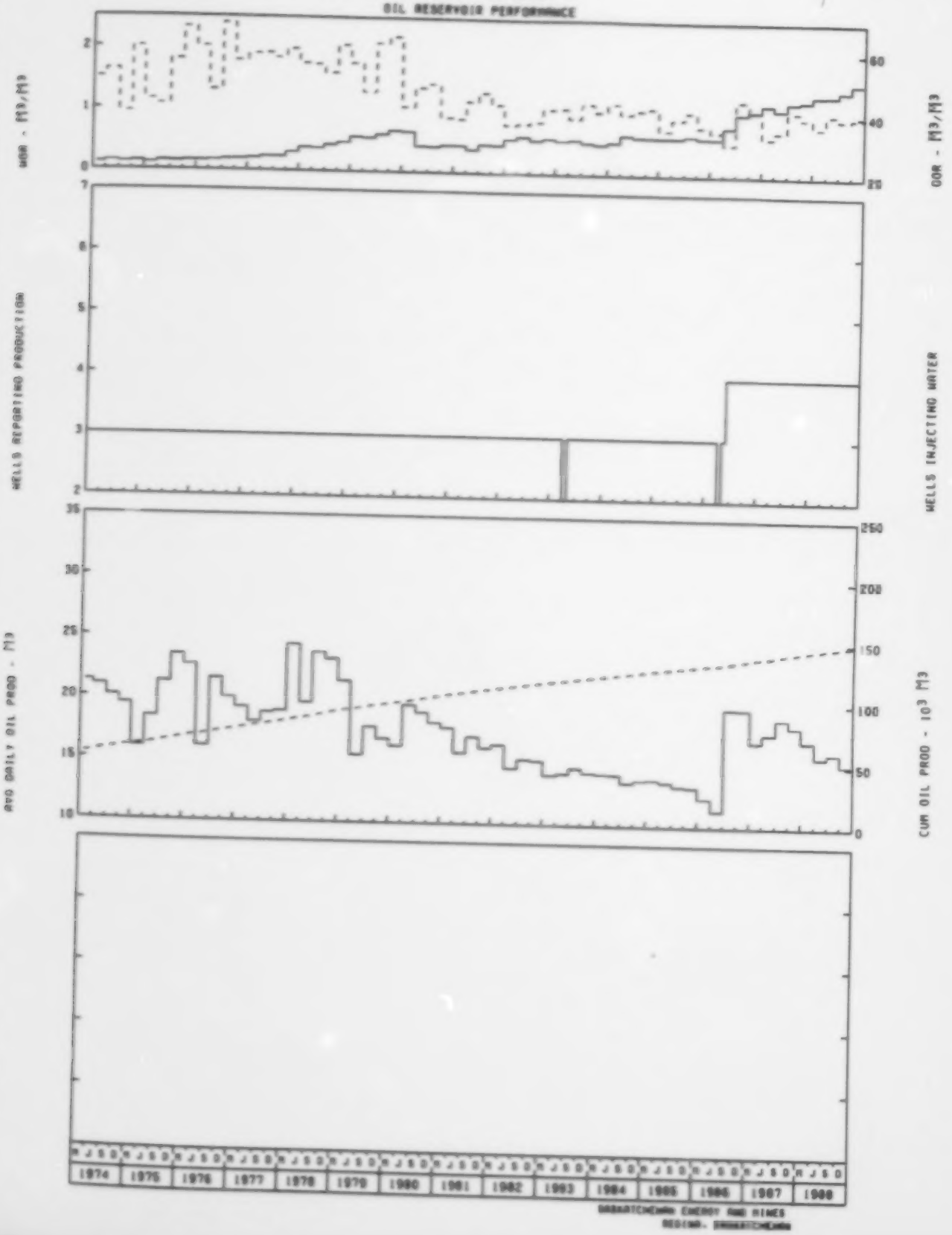


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WARMLEY ALIDA BEDS POOL

FLETWODE ALIDA VOL UNIT

OIL RESERVOIR PERFORMANCE



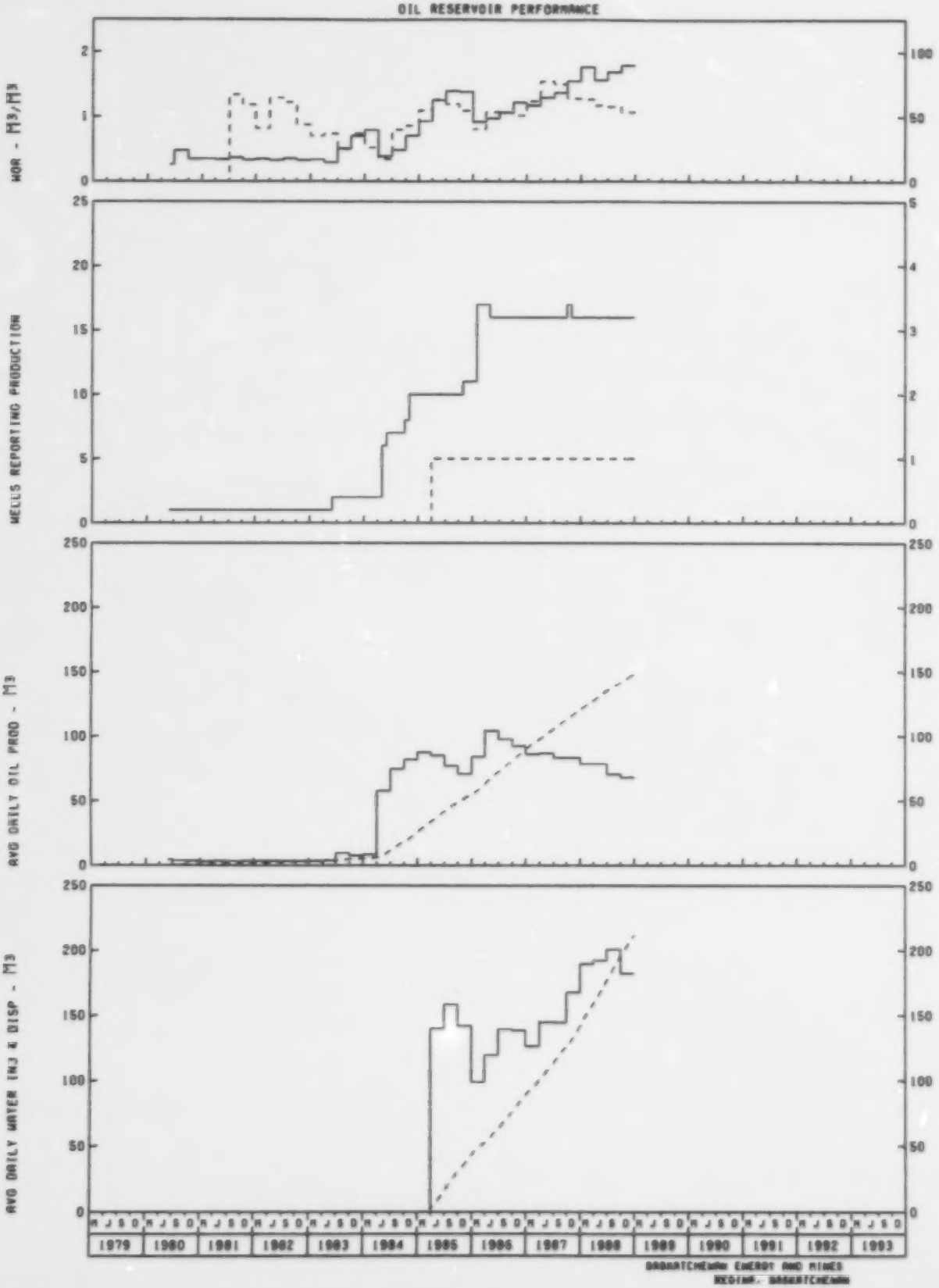
DEPARTMENT OF ENERGY AND MINES
REGIONAL DEPARTMENT

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WAUCHOPE ALIDA TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



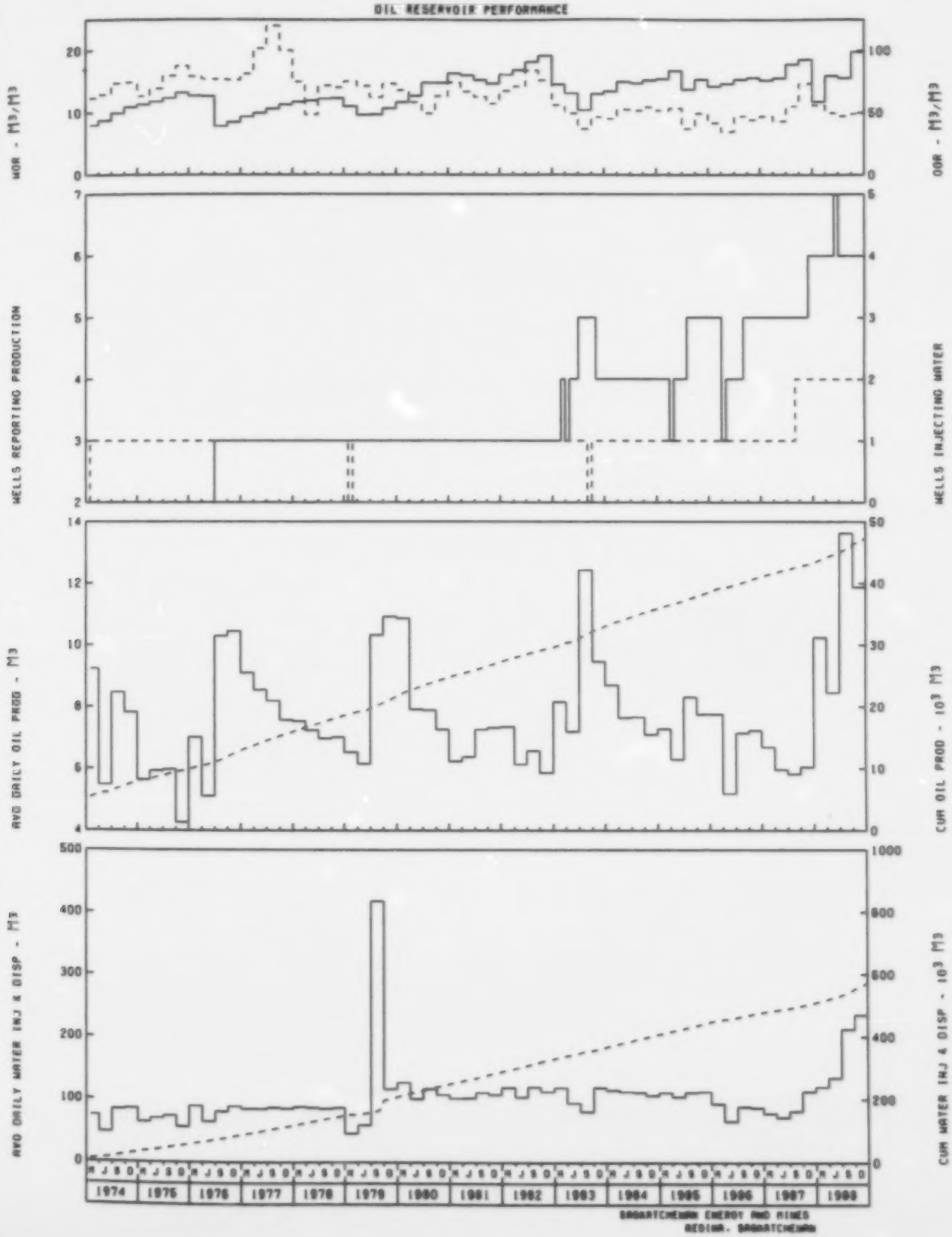
DEPARTMENT OF ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WAUCHOPE N TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



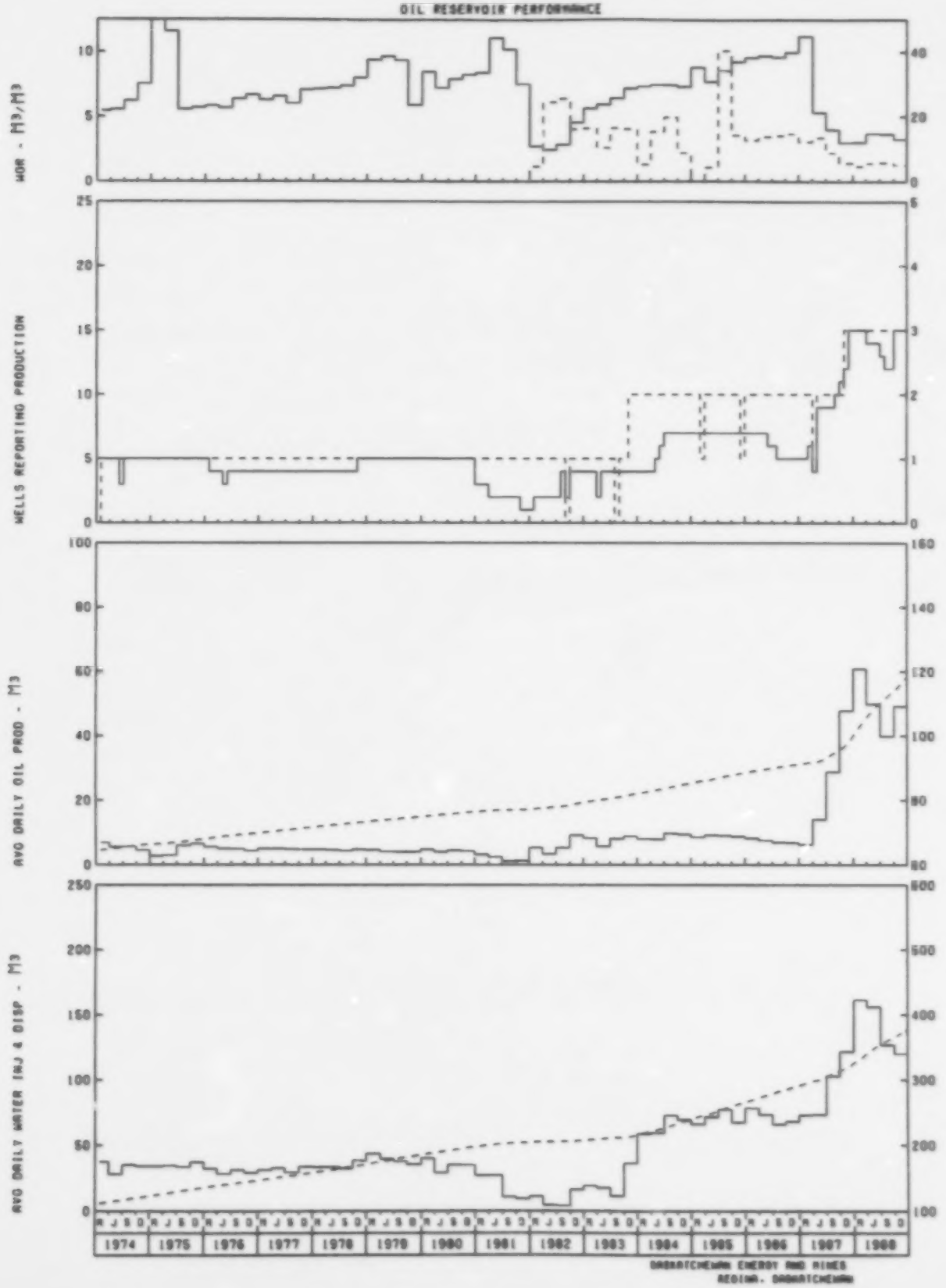
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WHITE BEAR TILS SOURIS VALLEY PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



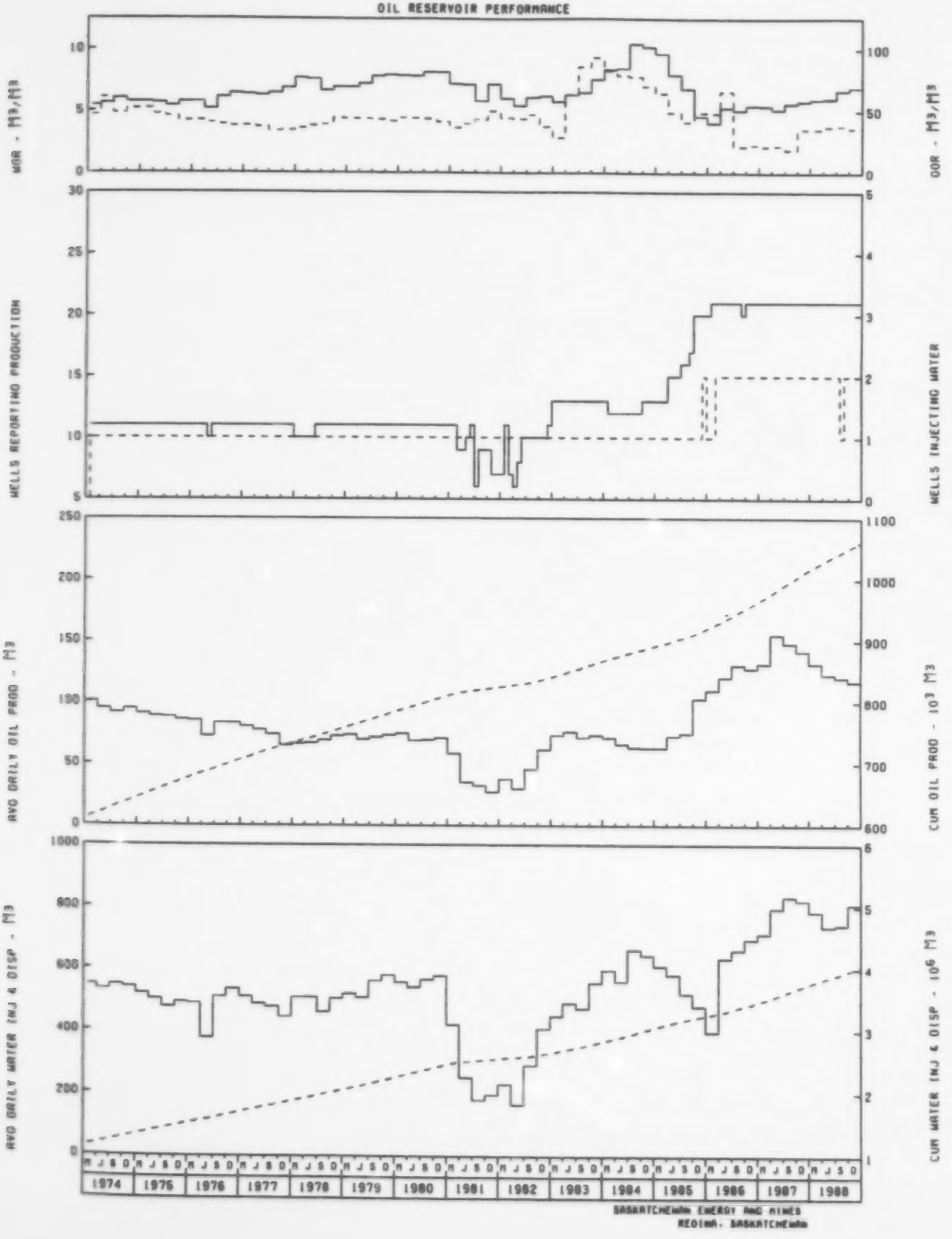
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

WHITE BEAR TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



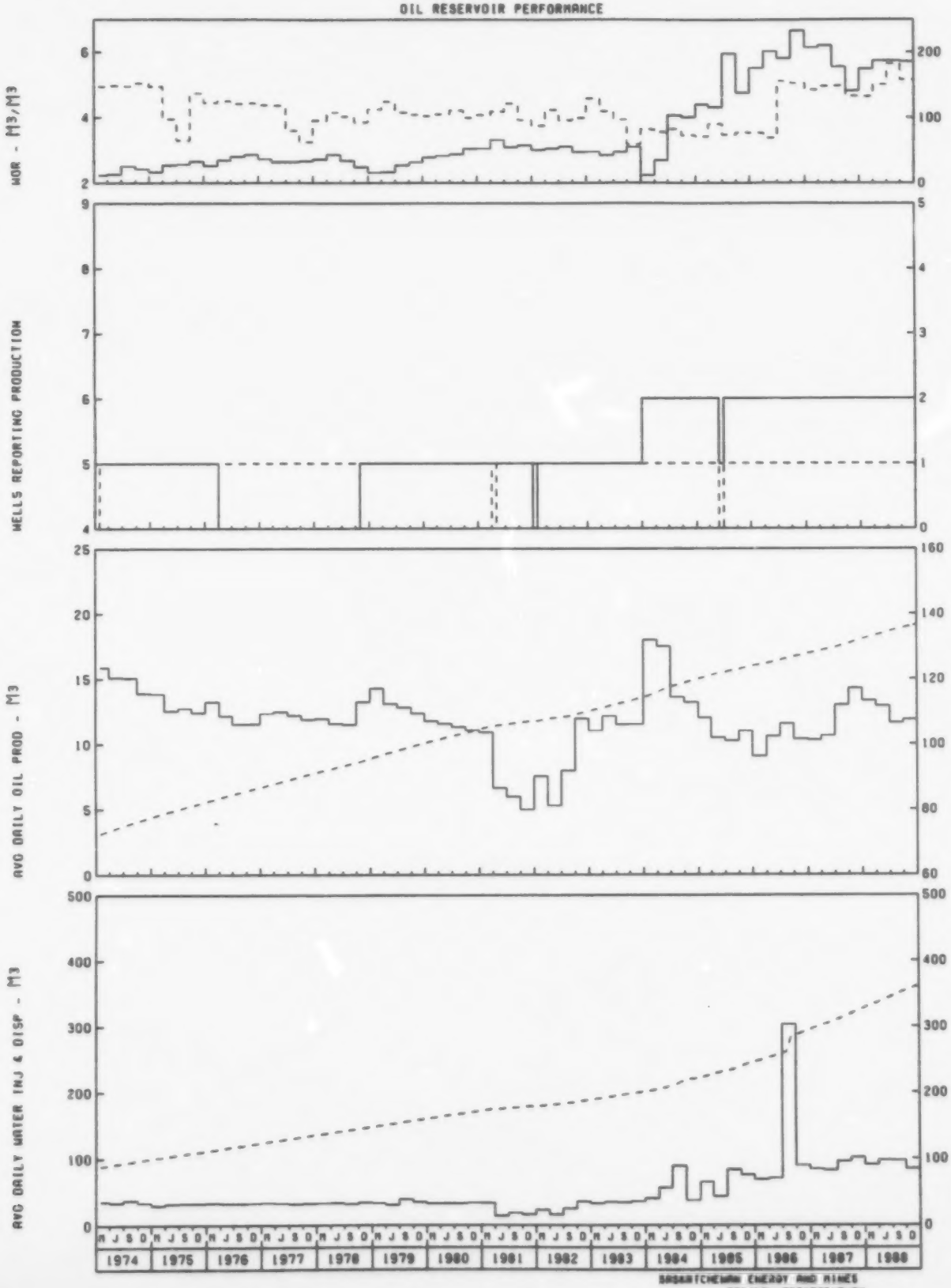
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WILDWOOD ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



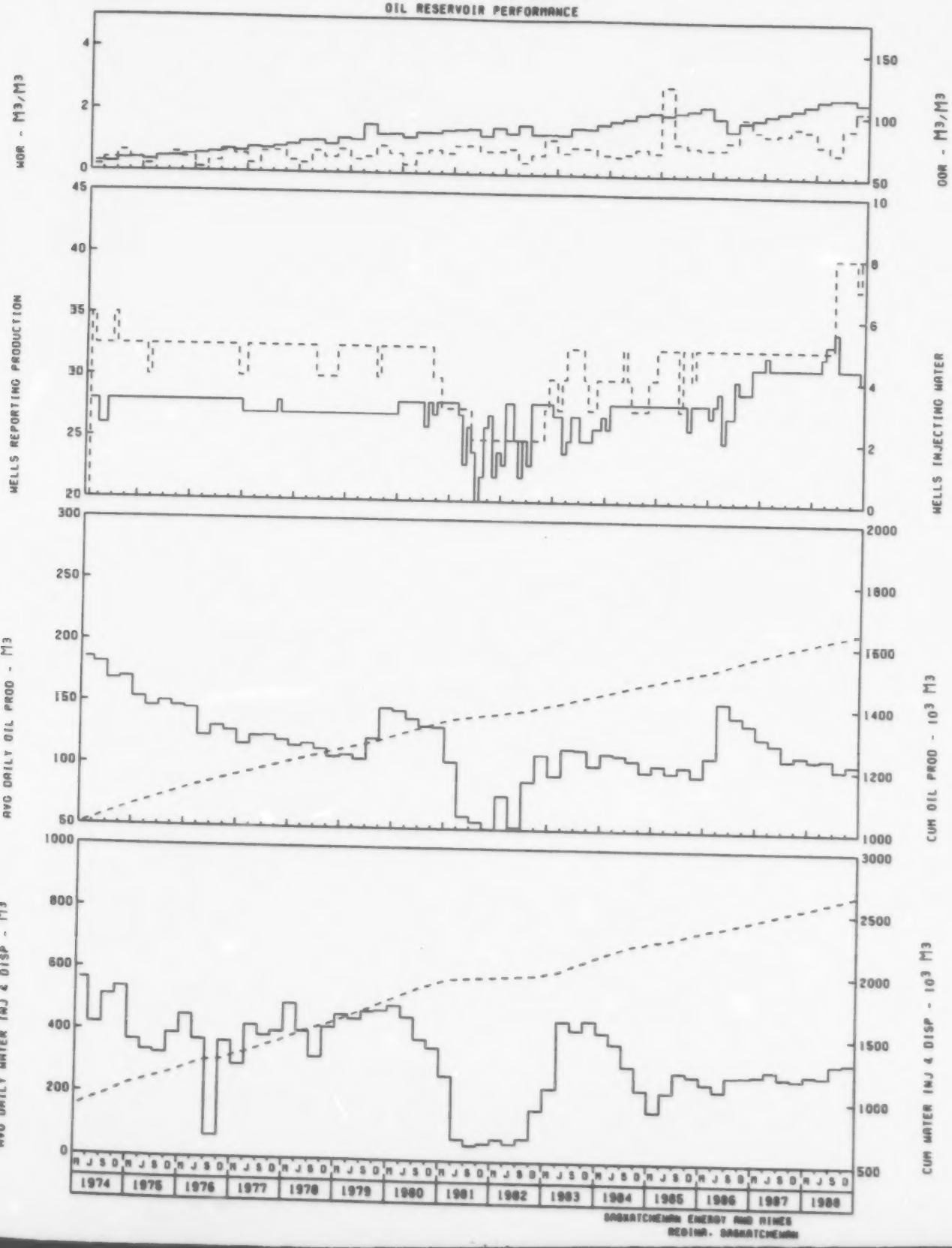
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WILLMAR FROBISHER ALIDA BEDS PL

WILLAR FROB ALIDA VOL UNIT 1

OIL RESERVOIR PERFORMANCE



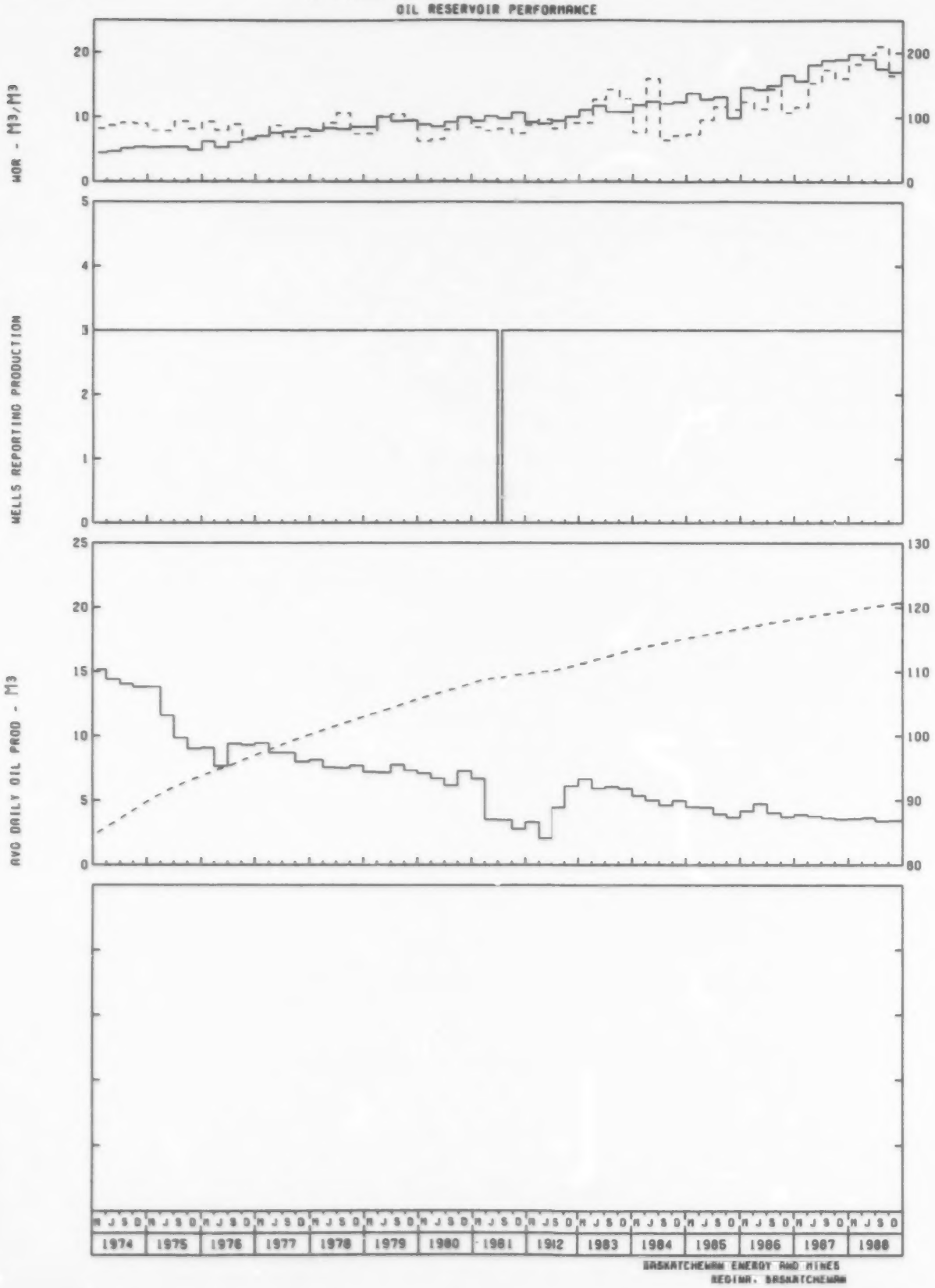
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WILLMAR FROBISHER ALIDA BEDS PL

Q'VILLE WILL KISBEY VOL UNIT

OIL RESERVOIR PERFORMANCE



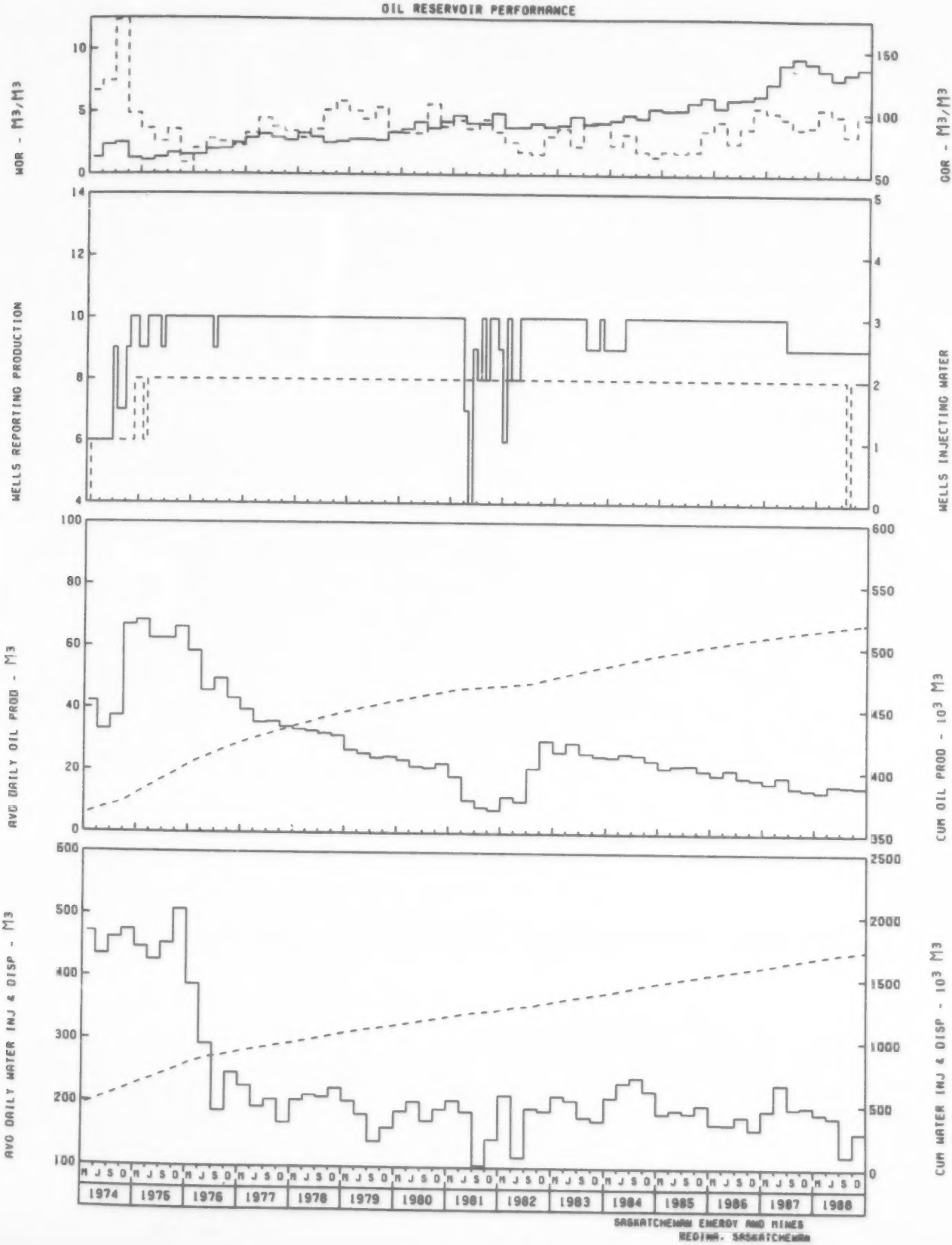
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WILLMAR FROBISHER ALIDA BEDS PL

NORTH DALESBORD UNIT NO 1

OIL RESERVOIR PERFORMANCE



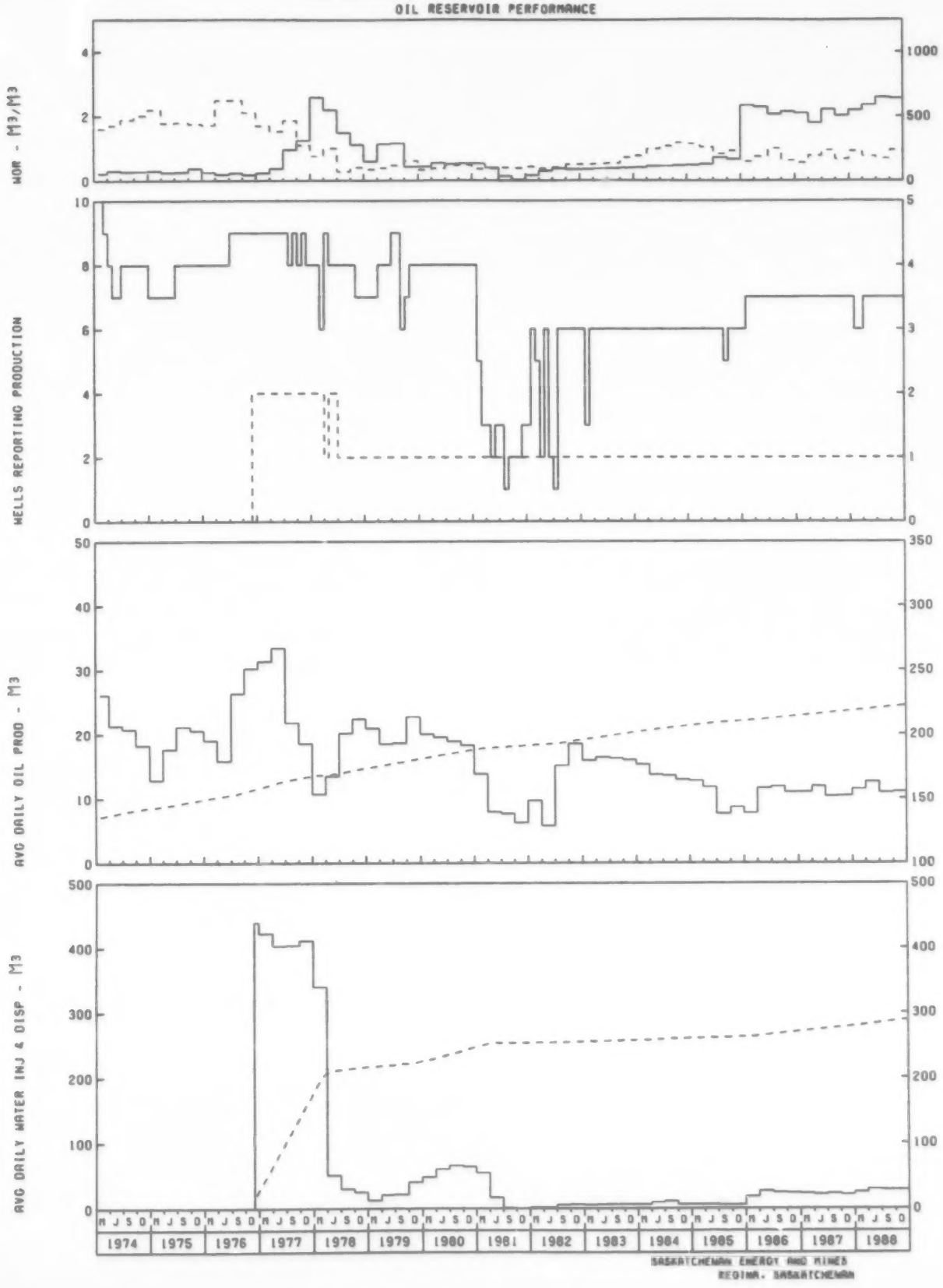
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WILLMAR FROBISHER ALIDA BEDS PL

NO CENTRAL WILLMAR VOL UNIT

OIL RESERVOIR PERFORMANCE



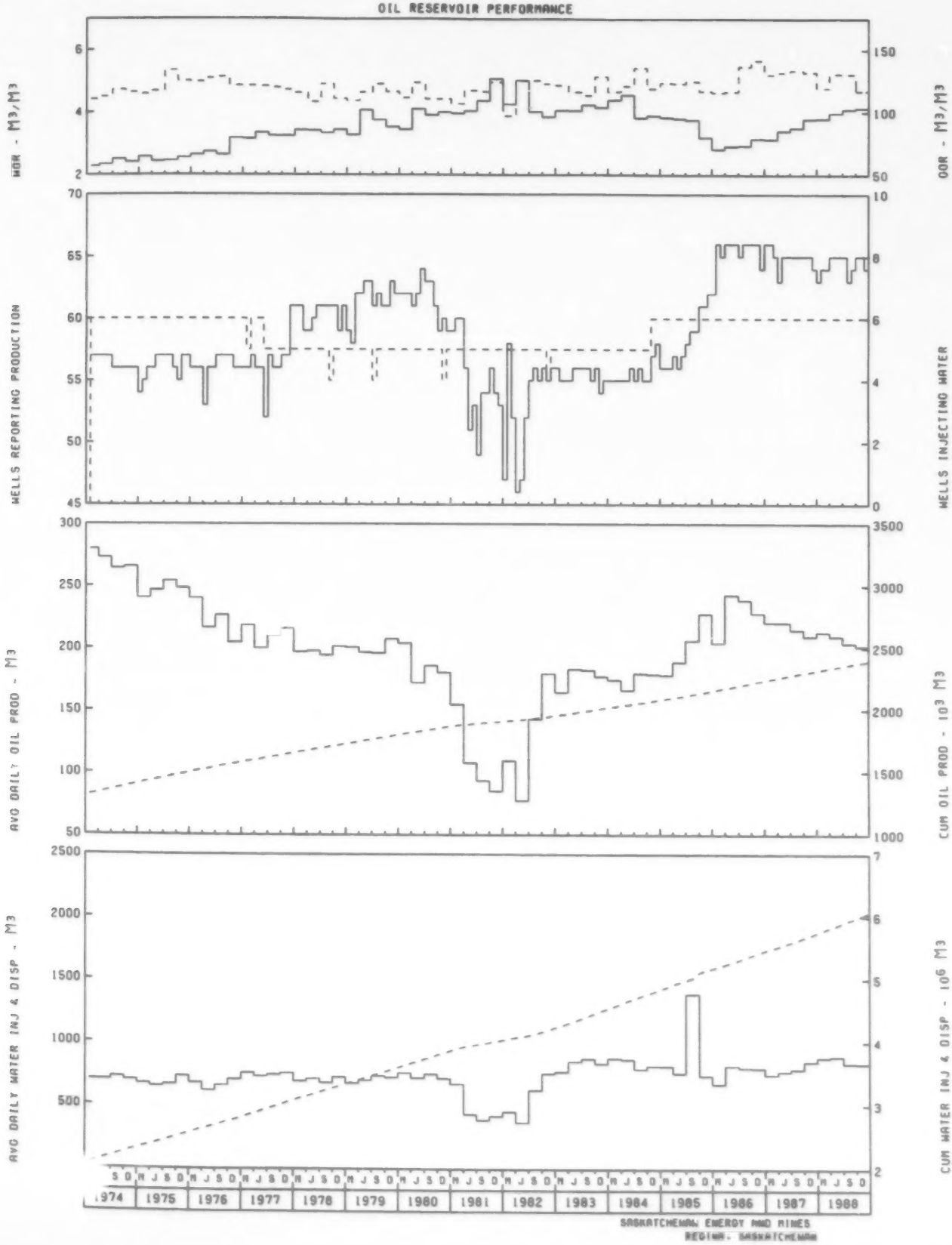
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WILLMAR FROBISHER ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



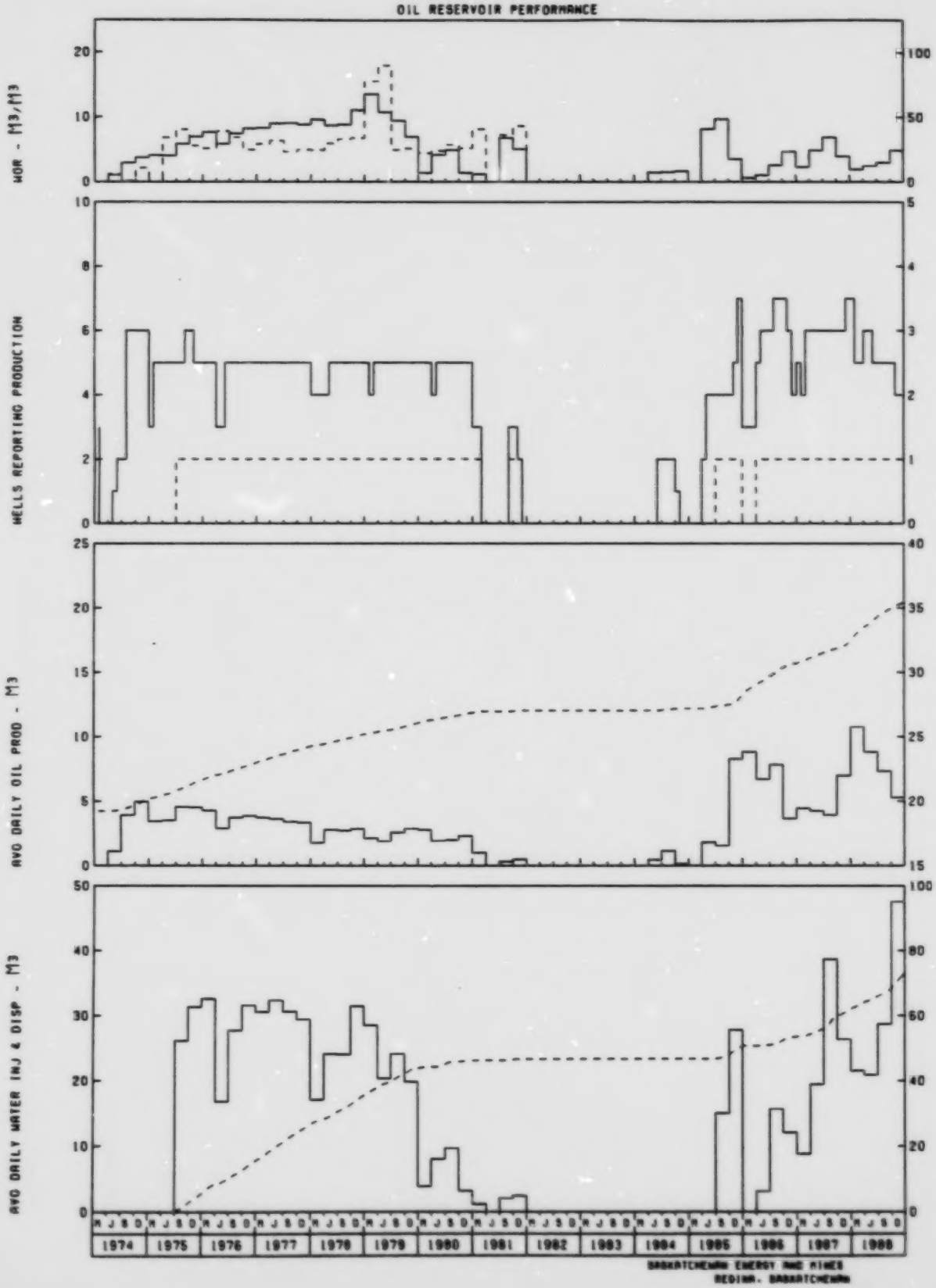
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WINMORE FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



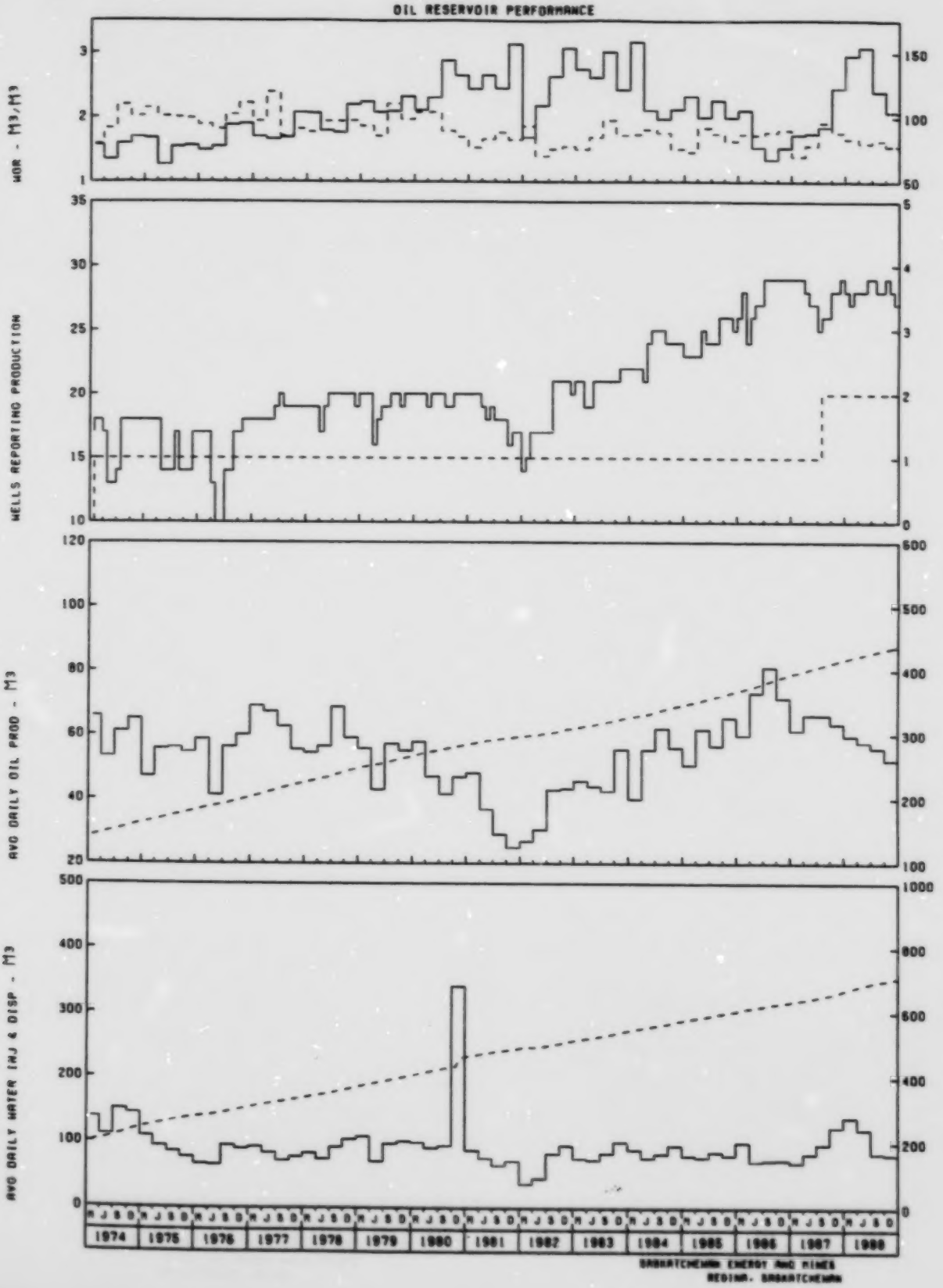
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WORDSWORTH FROB-ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



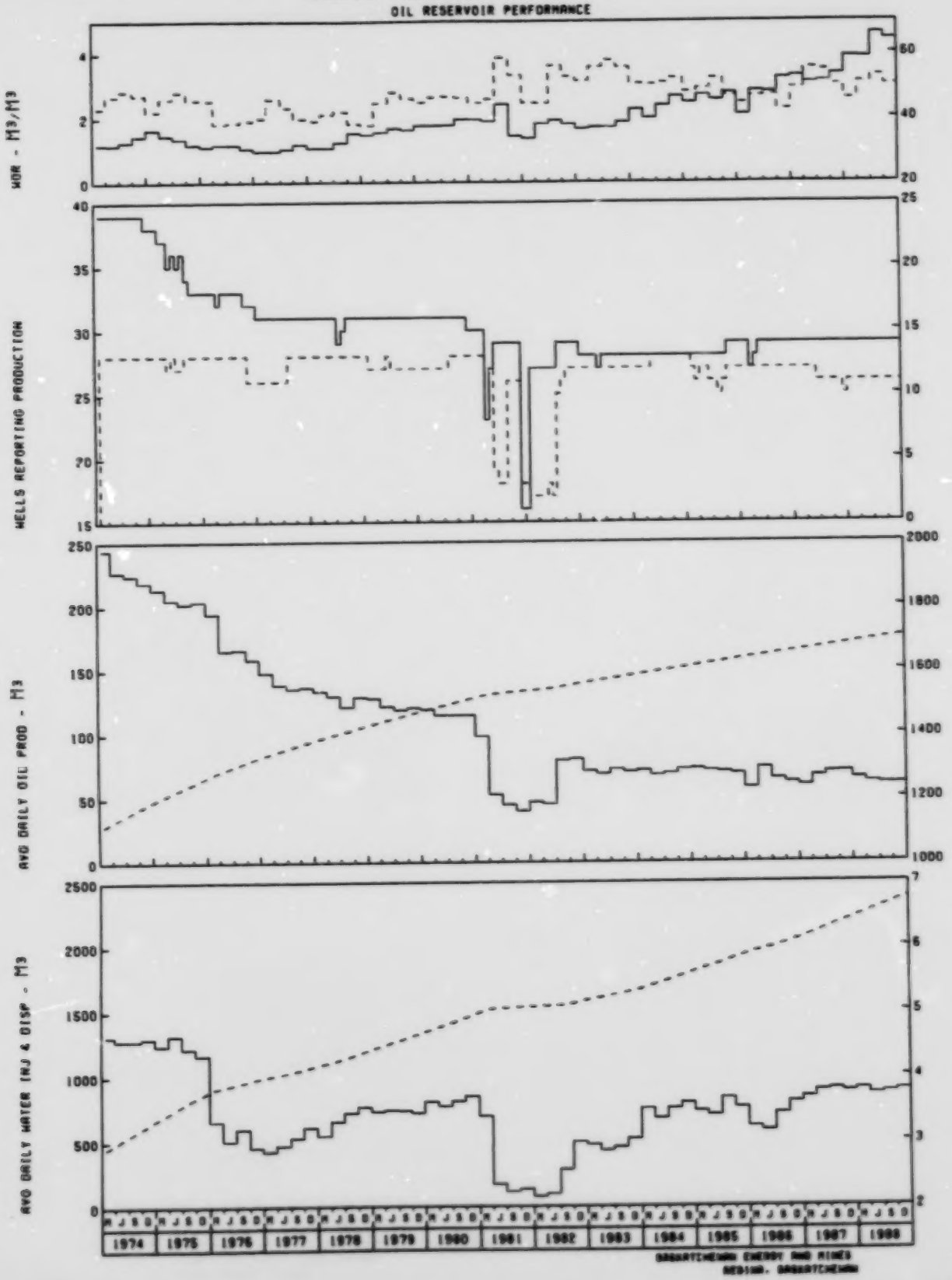
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WORKMAN FROBISHER BEDS POOL

WORKMAN FROBISHER VOL UNIT 1

OIL RESERVOIR PERFORMANCE

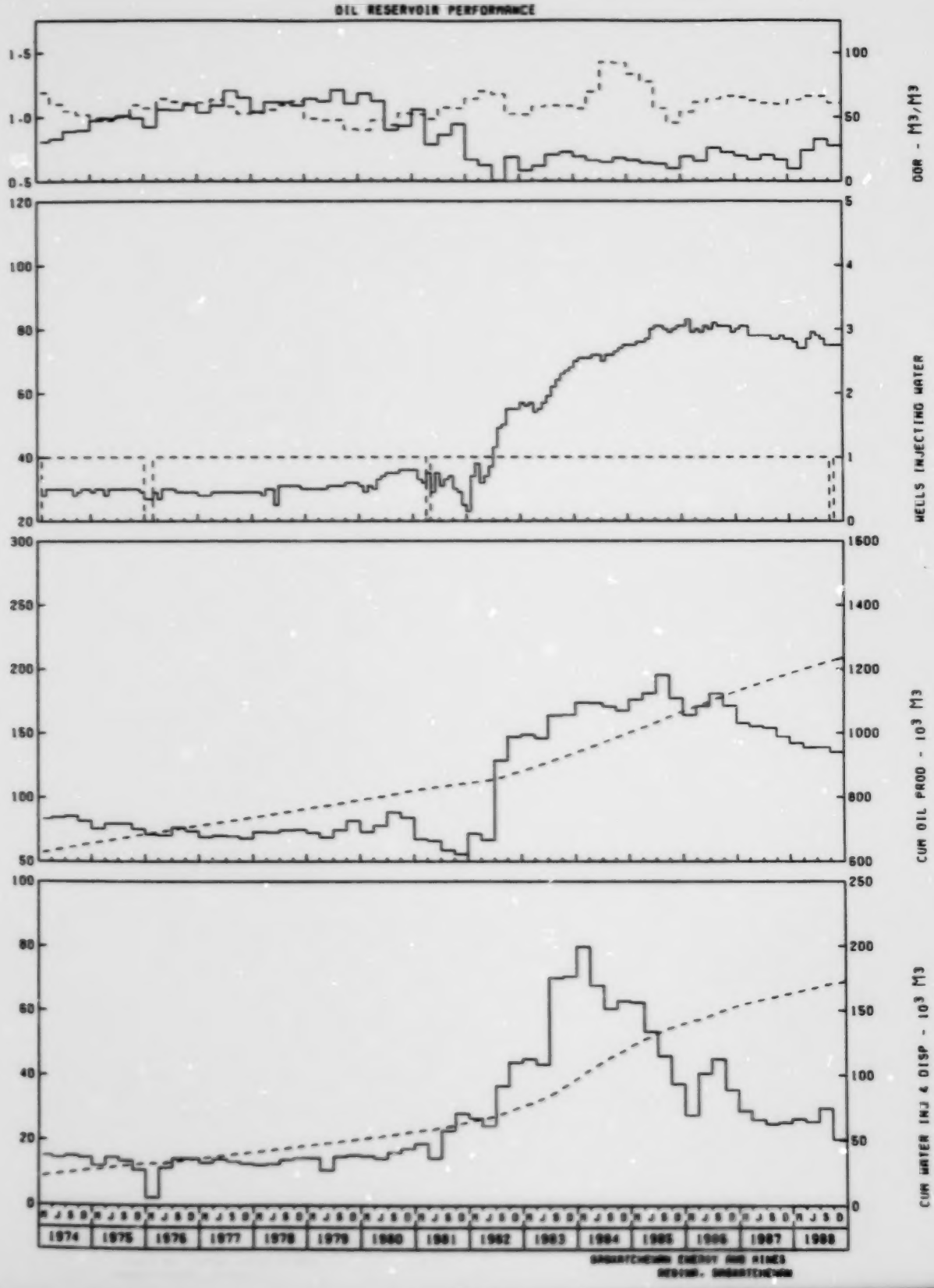


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WORKMAN FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



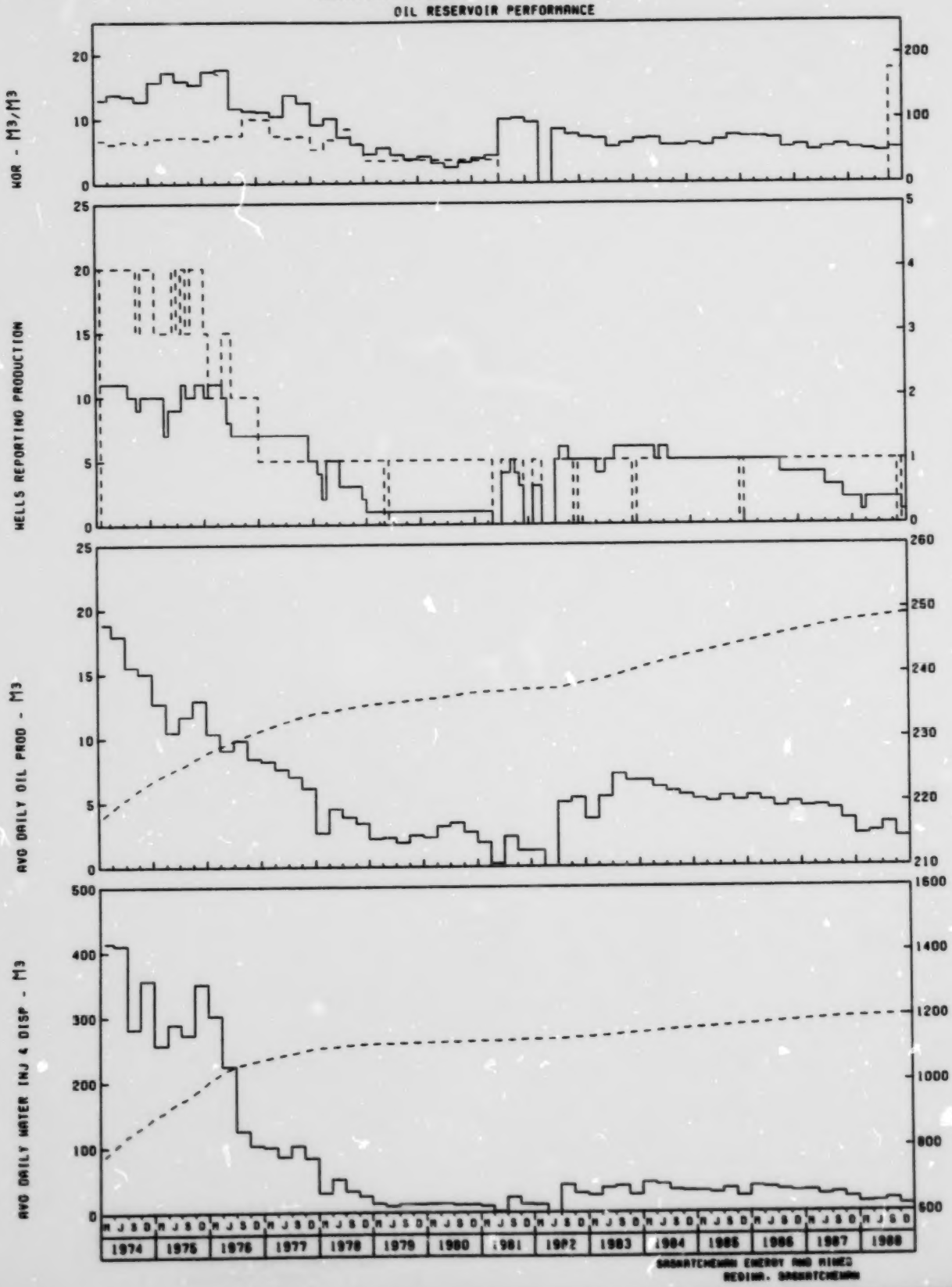
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WORKMAN MIDALE BEDS POOL

WORKMAN MIDALE VOL UNIT 1

OIL RESERVOIR PERFORMANCE



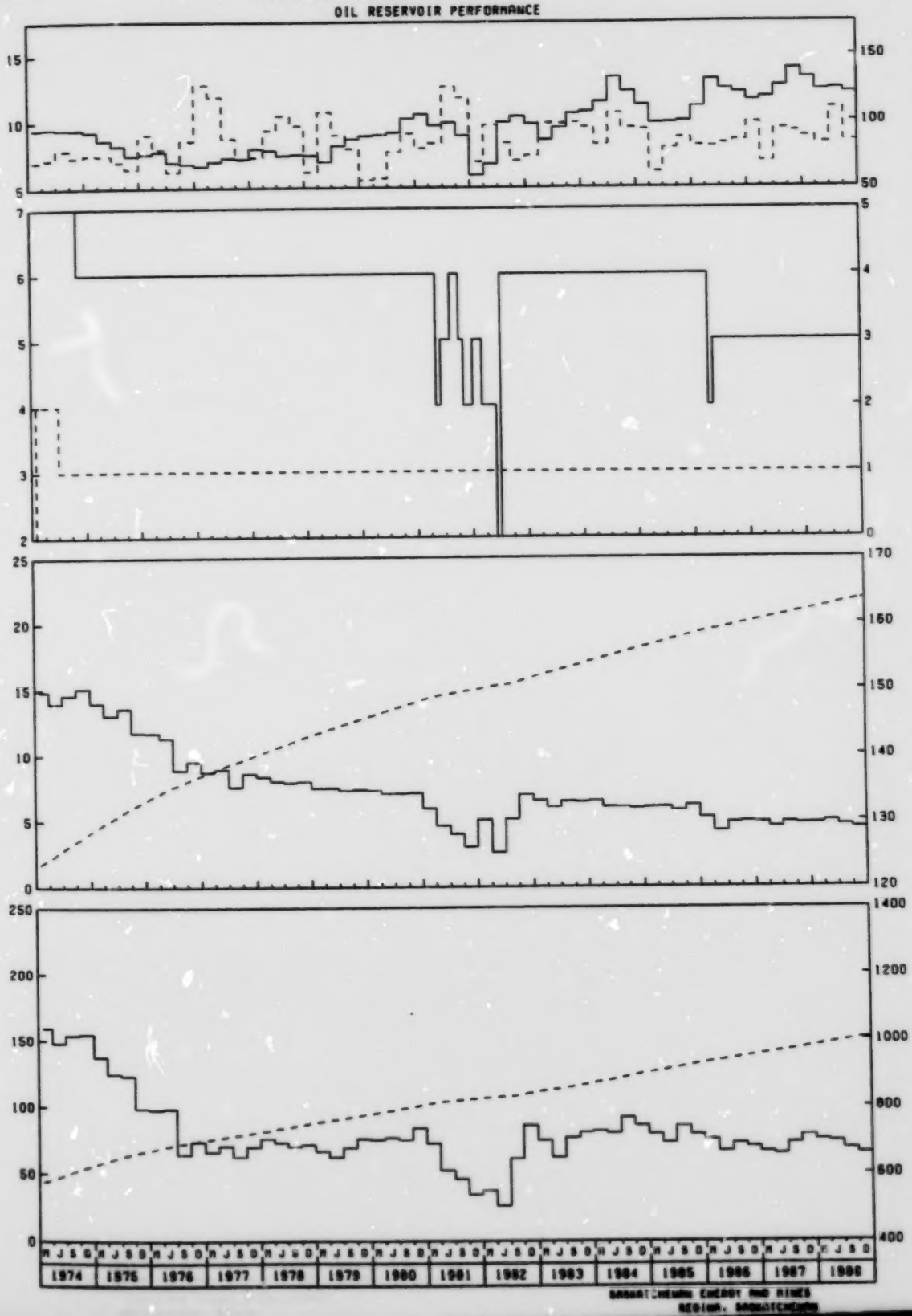
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WORKMAN MIDALE BEDS POOL

WORKMAN MIDALE VOL UNIT 2

OIL RESERVOIR PERFORMANCE



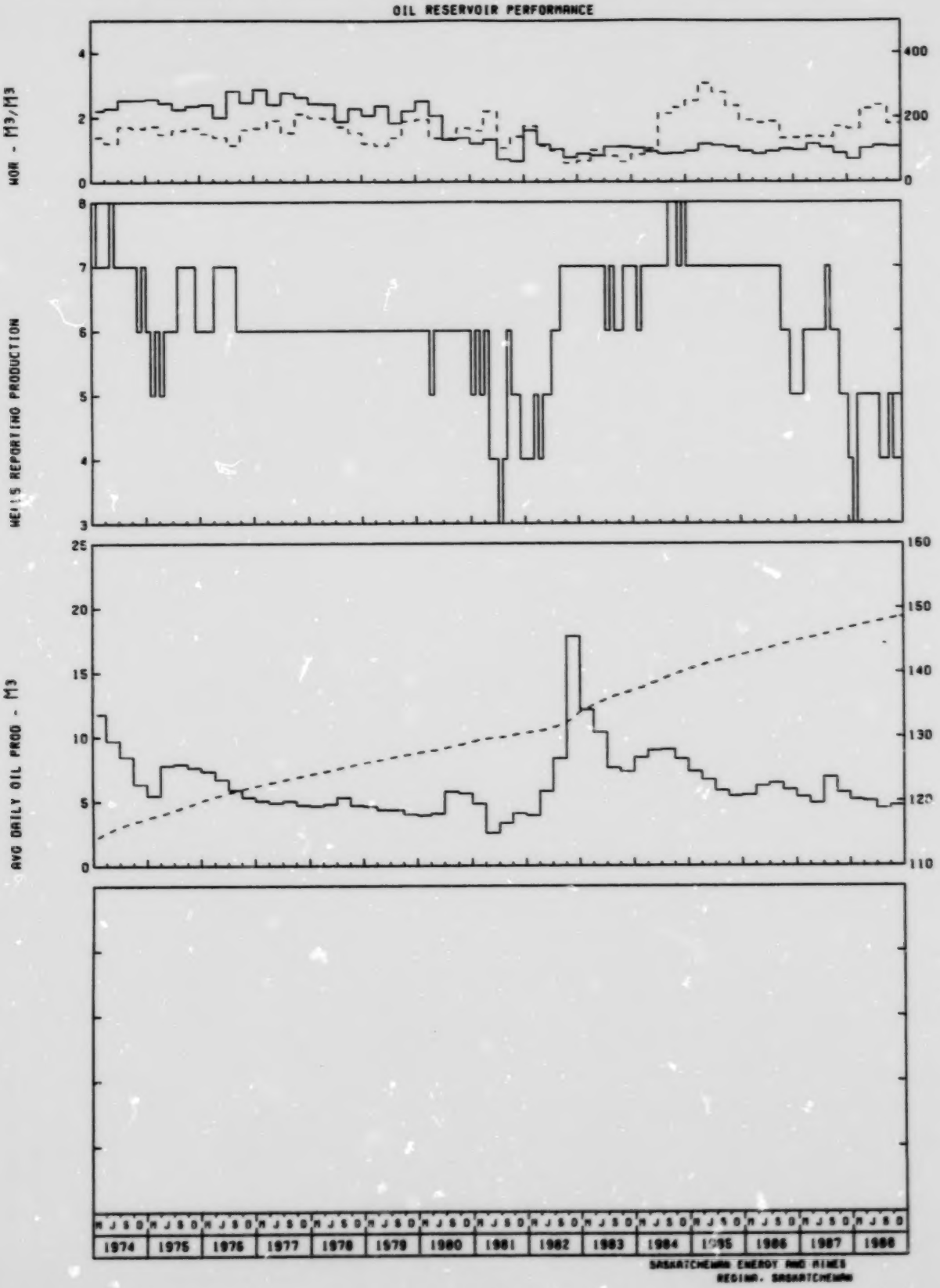
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WORKMAN MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



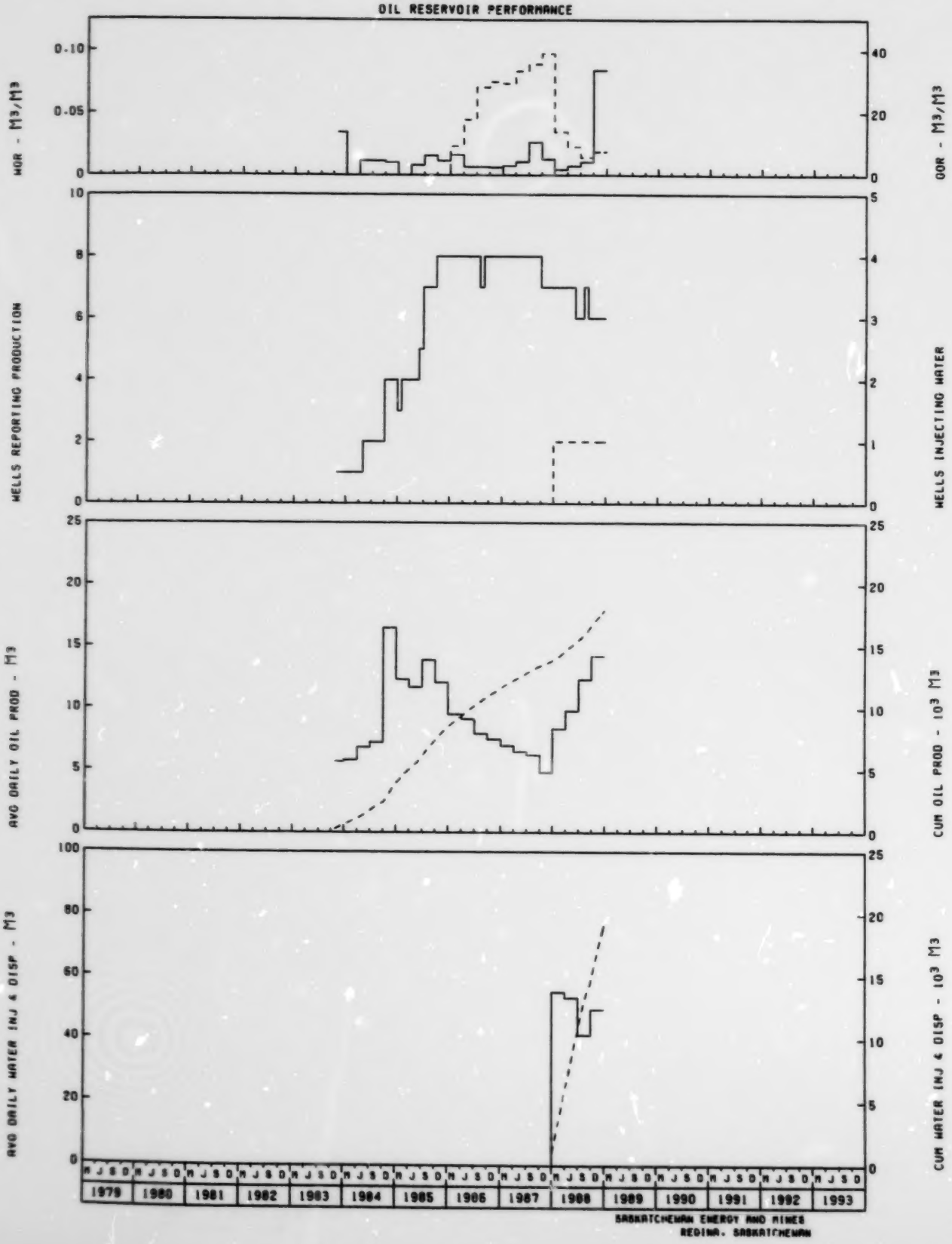
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON EAST MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



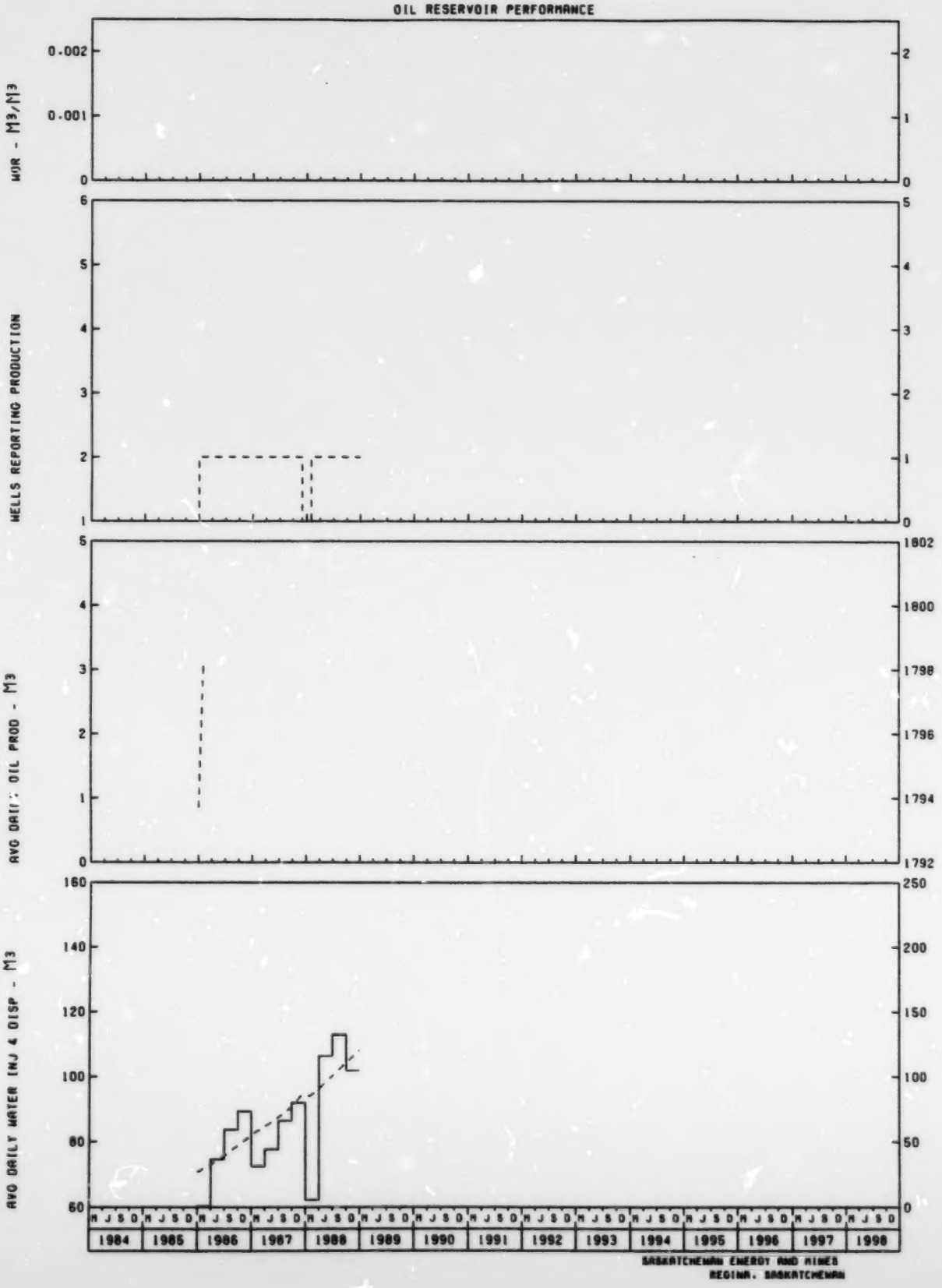
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



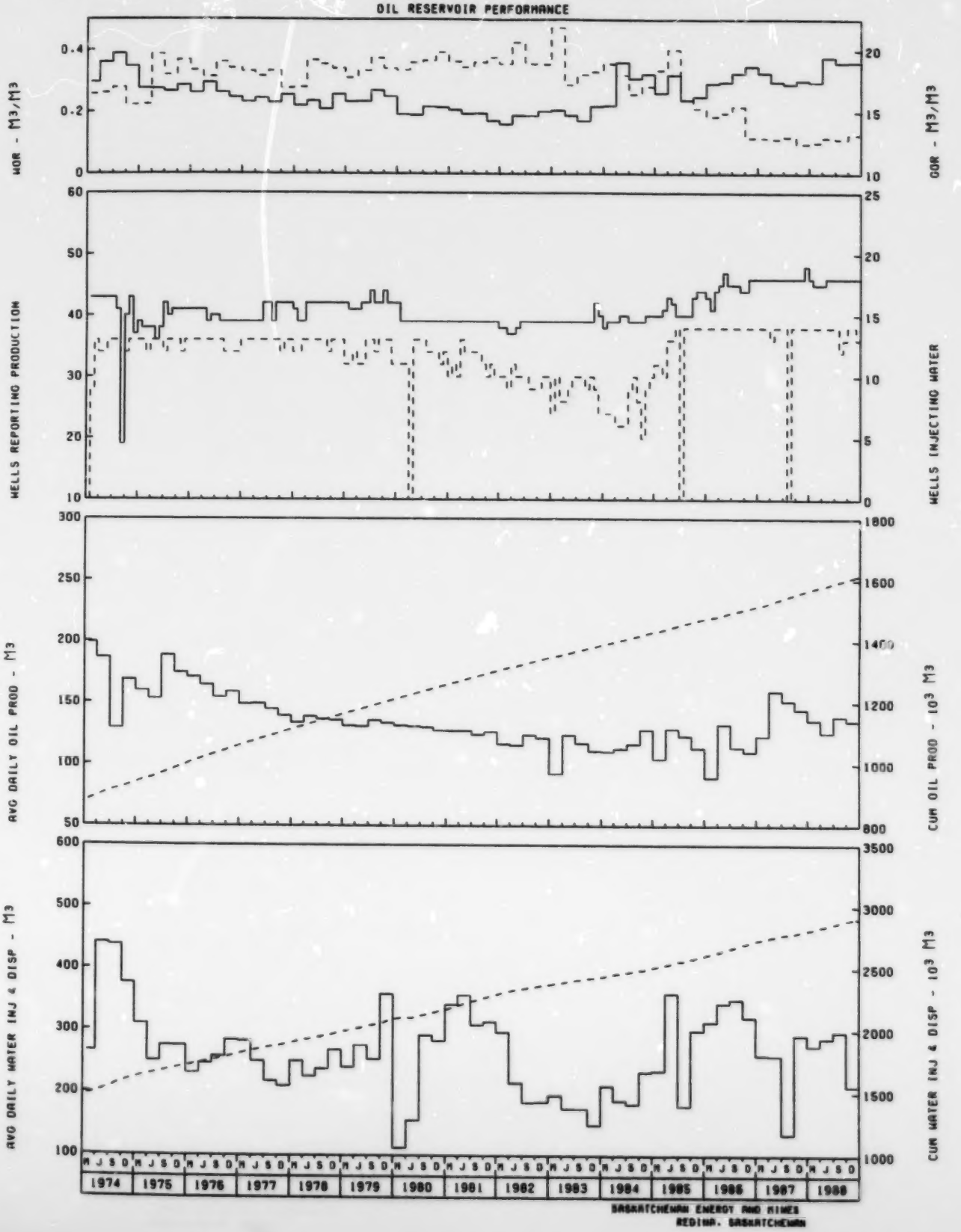
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON MIDALE BEDS POOL

BENSON UNIT

OIL RESERVOIR PERFORMANCE



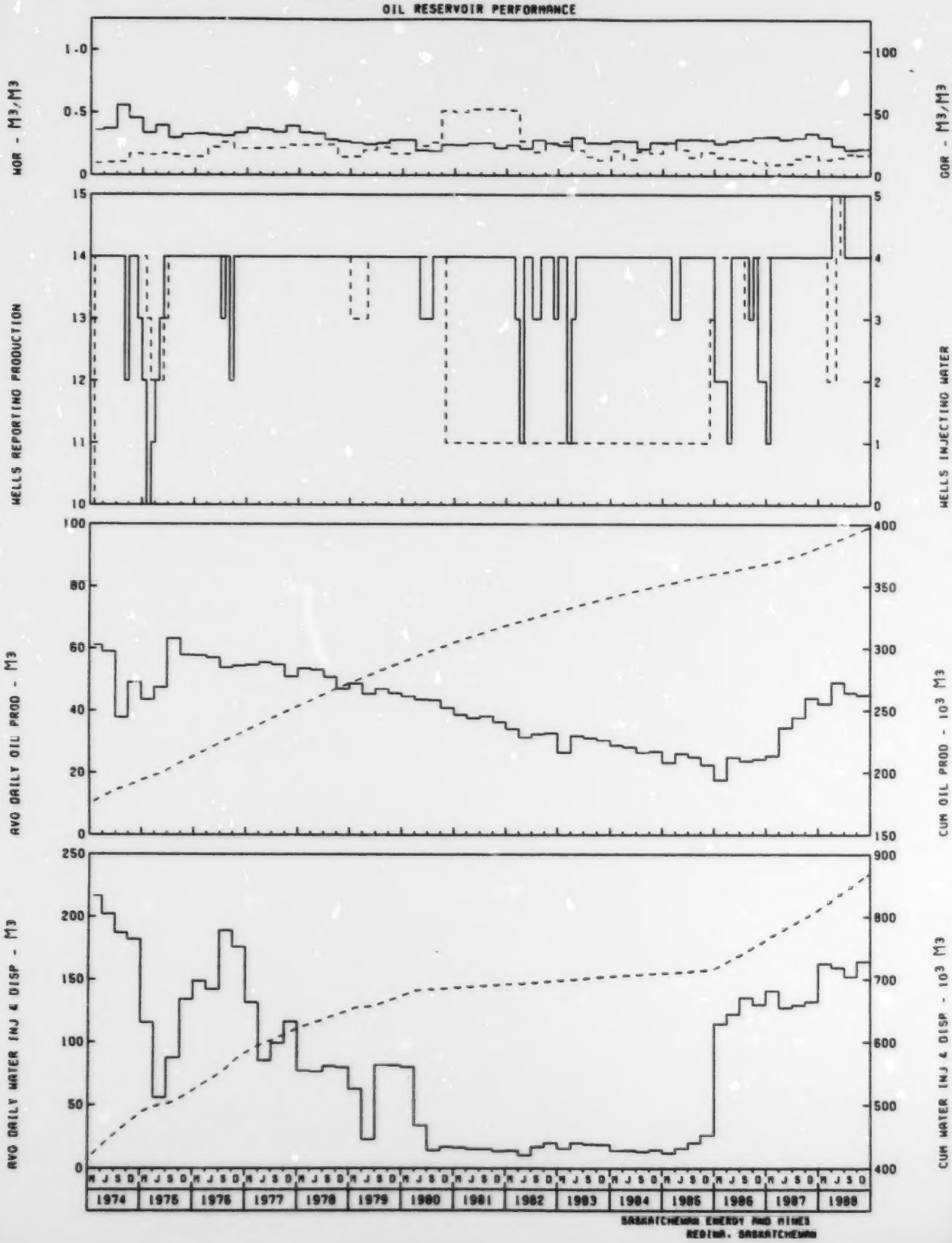
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON MIDALE BEDS POOL

BENSON MIDALE BEDS VOL UNIT

OIL RESERVOIR PERFORMANCE



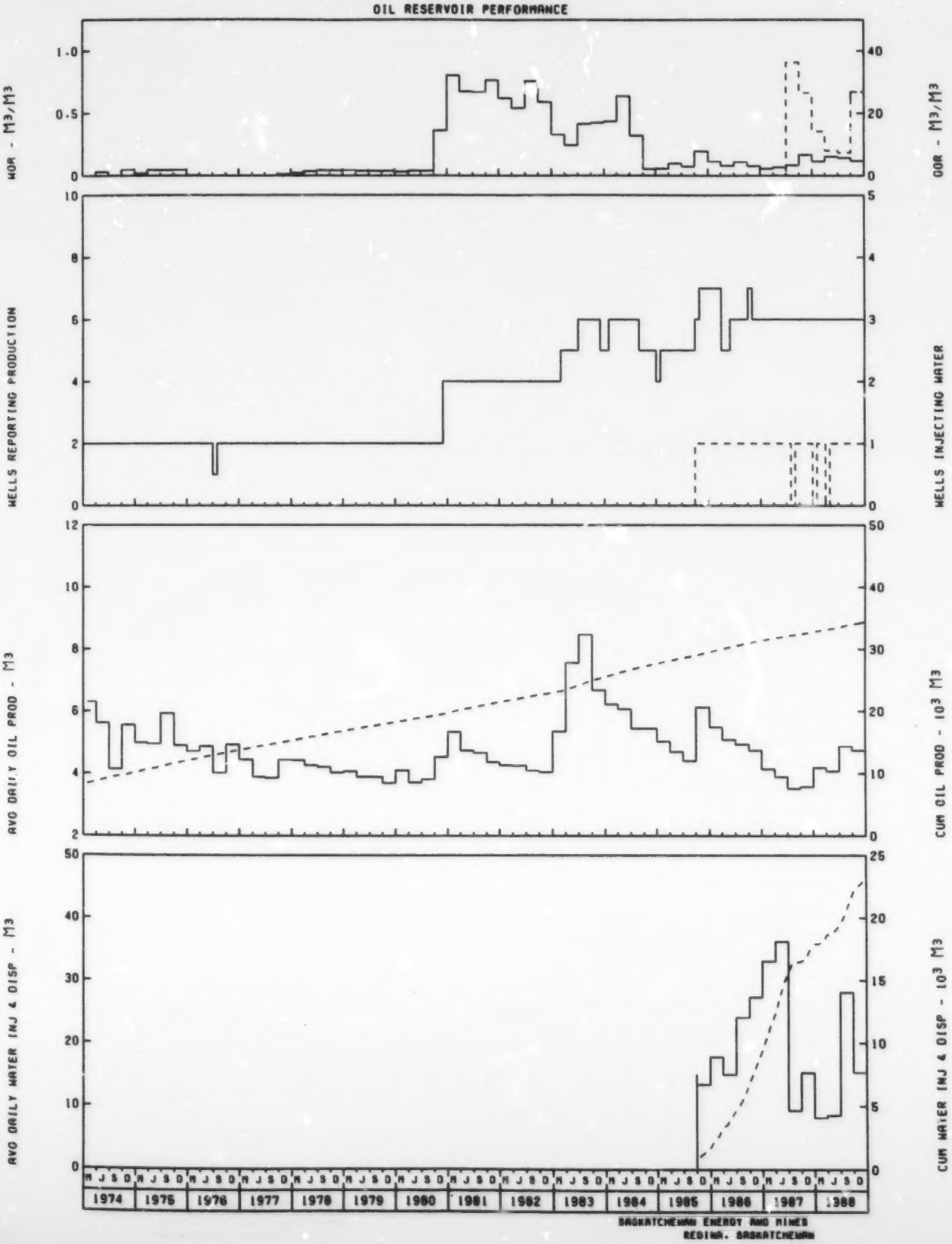
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON MIDALE BEDS POOL

NW BENSON MIDALE VOL UNIT

OIL RESERVOIR PERFORMANCE



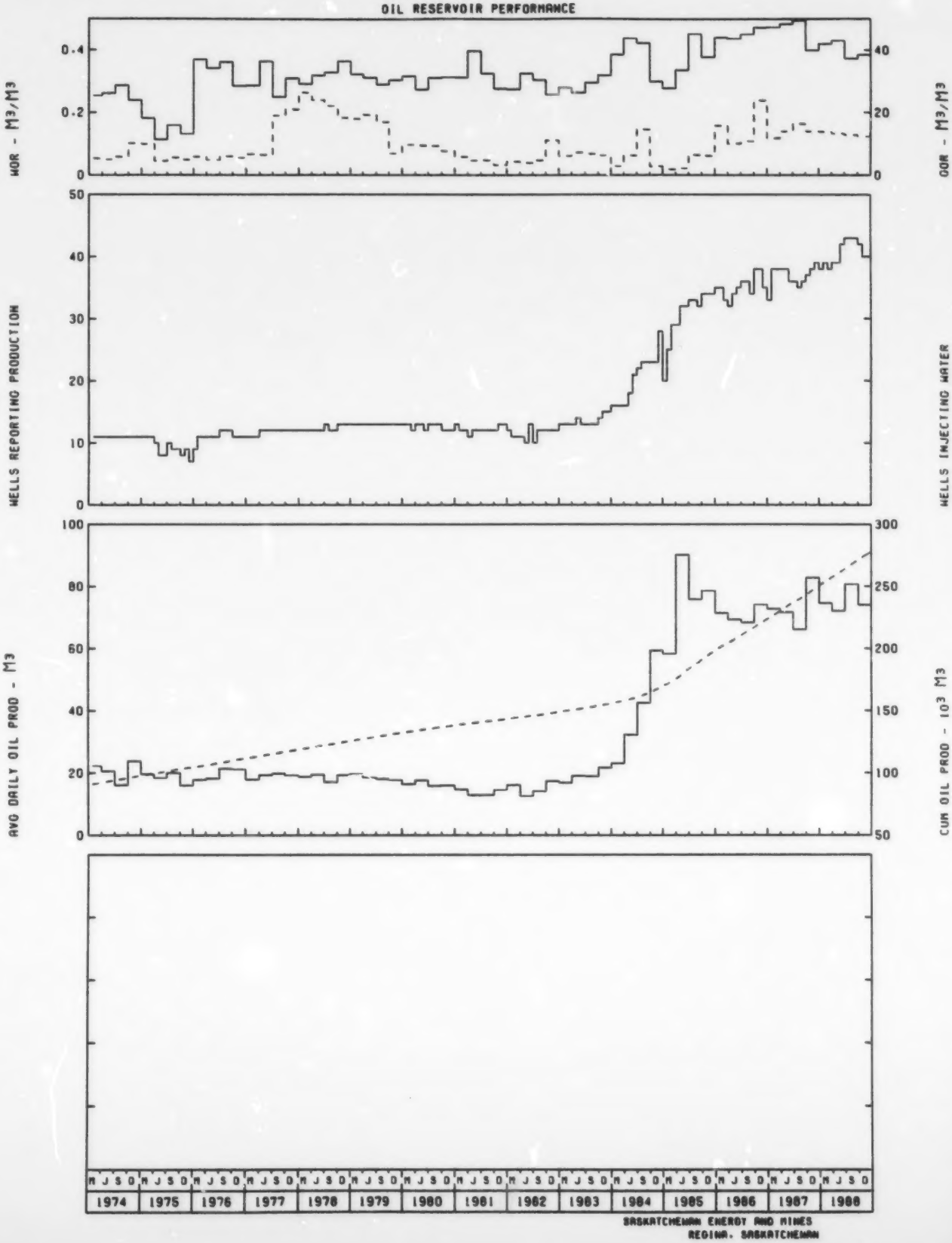
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BENSON MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



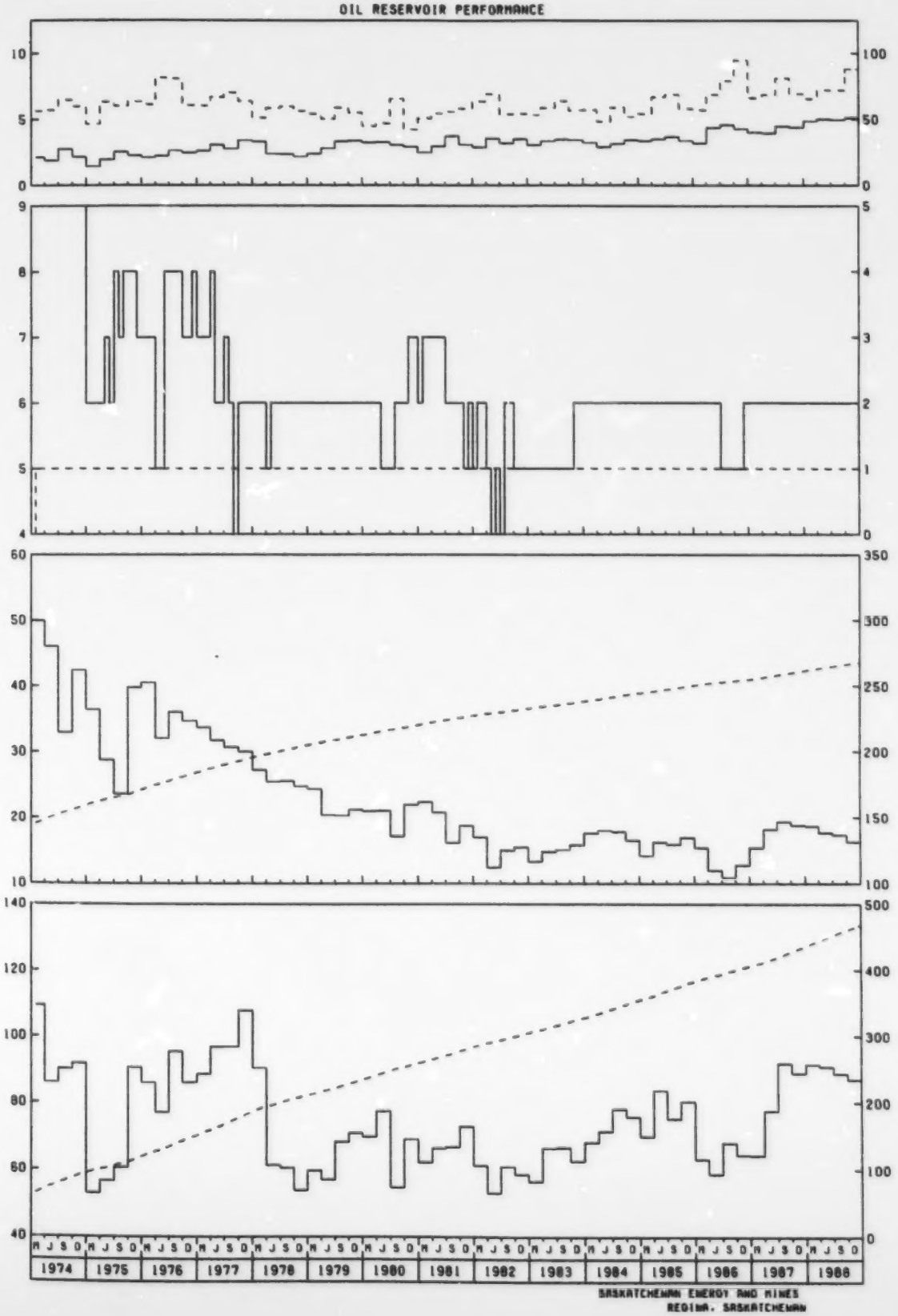
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BROMHEAD MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



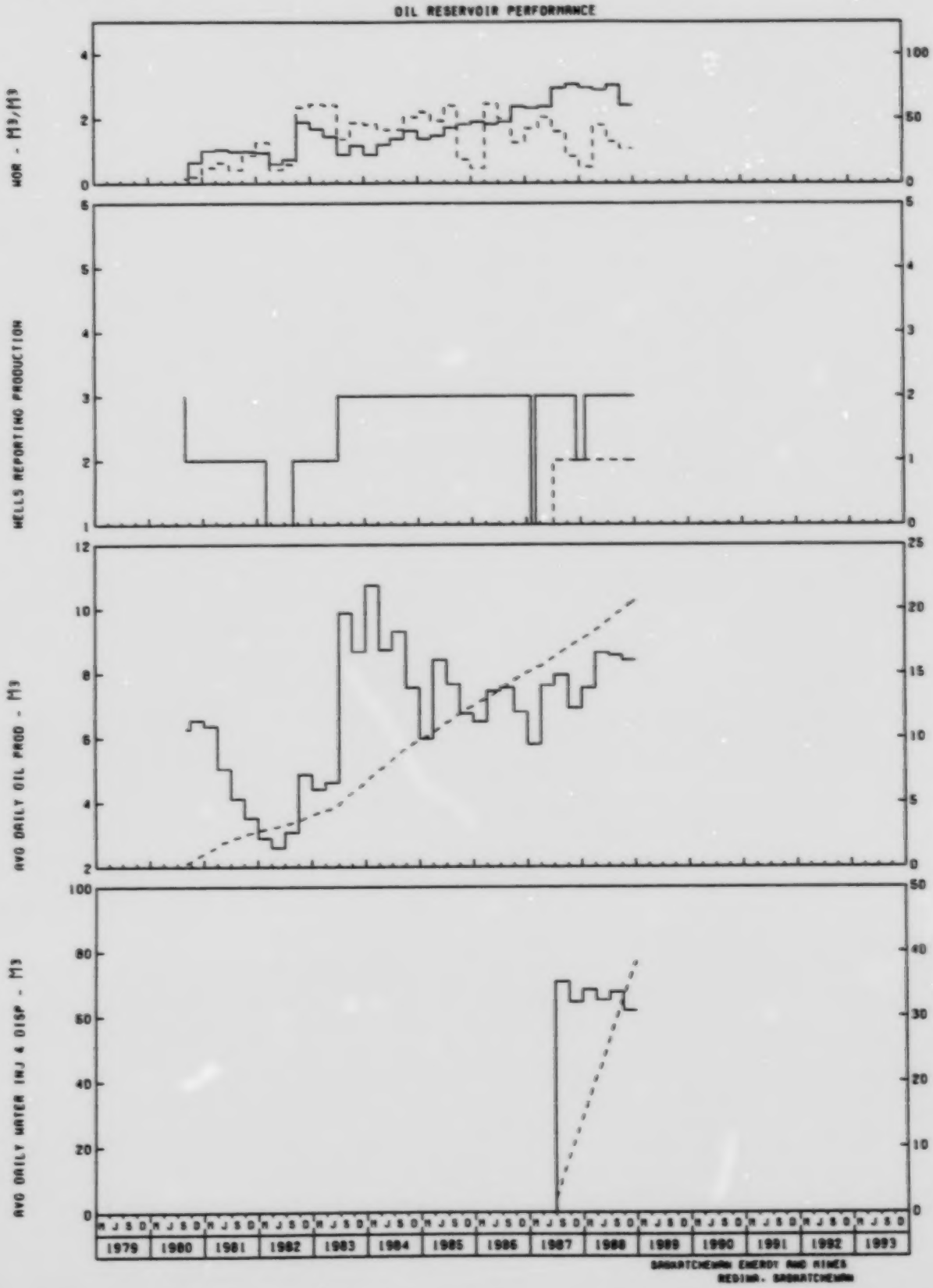
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

BRYANT FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



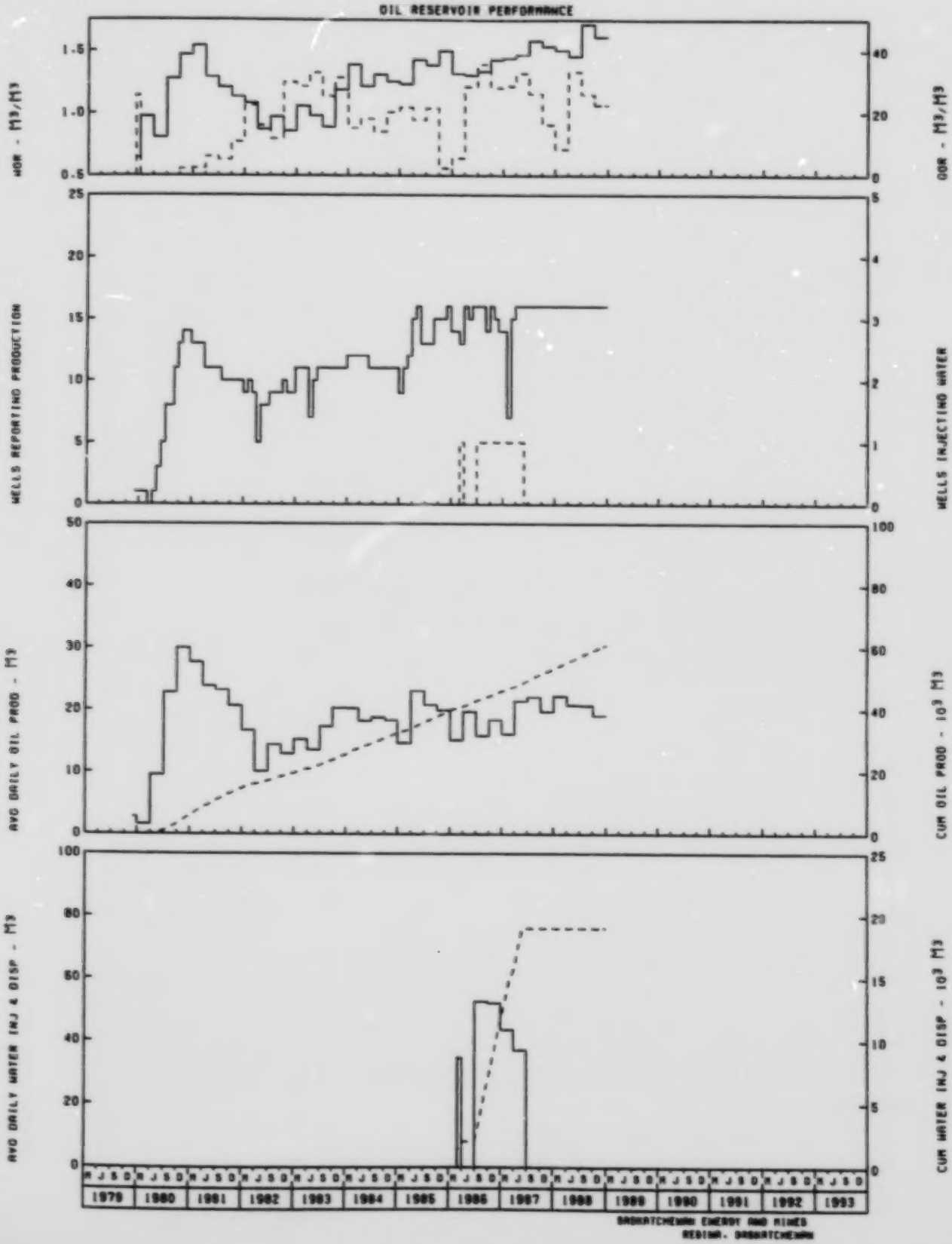
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BRYANT MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



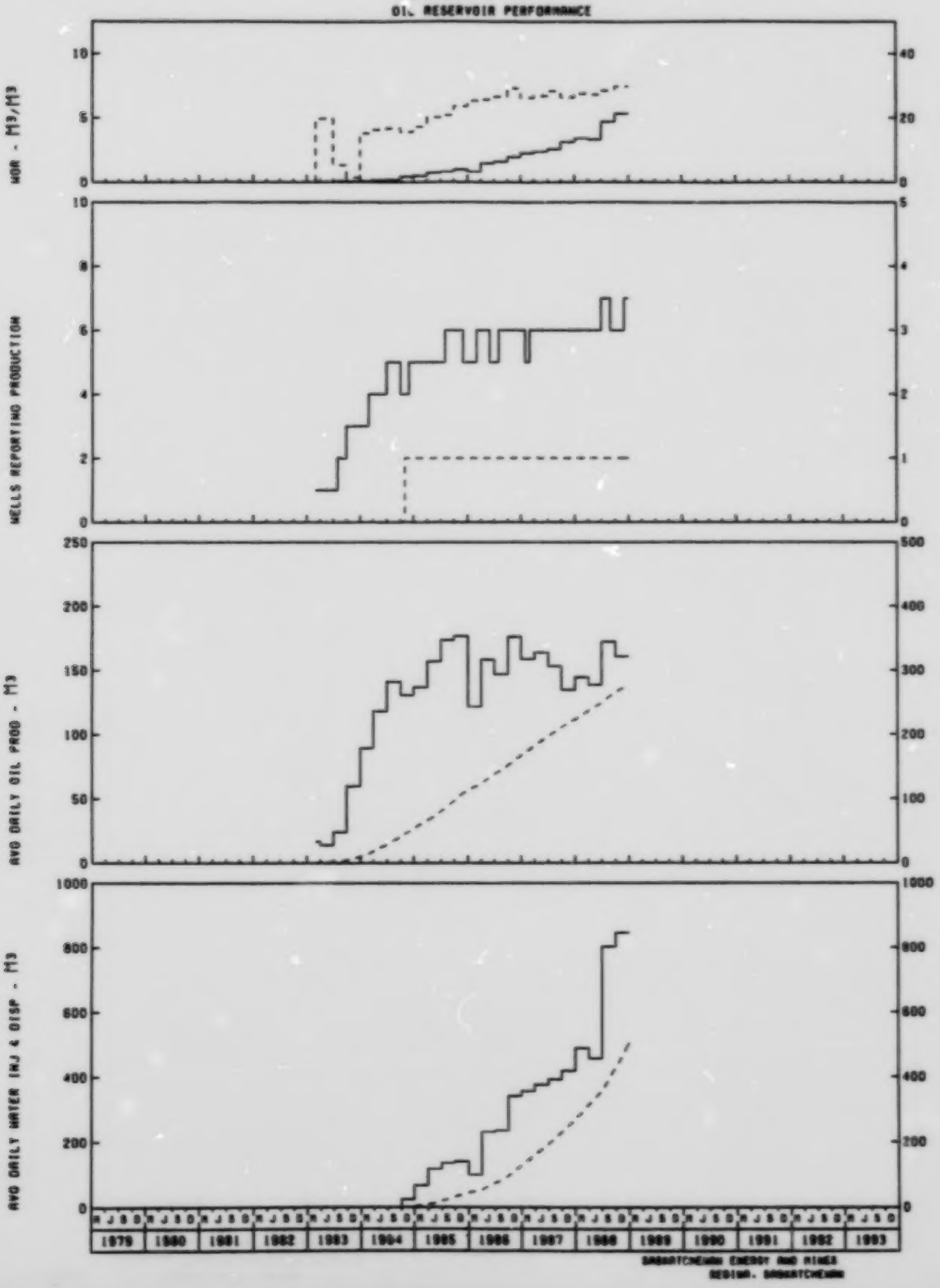
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLGATE MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



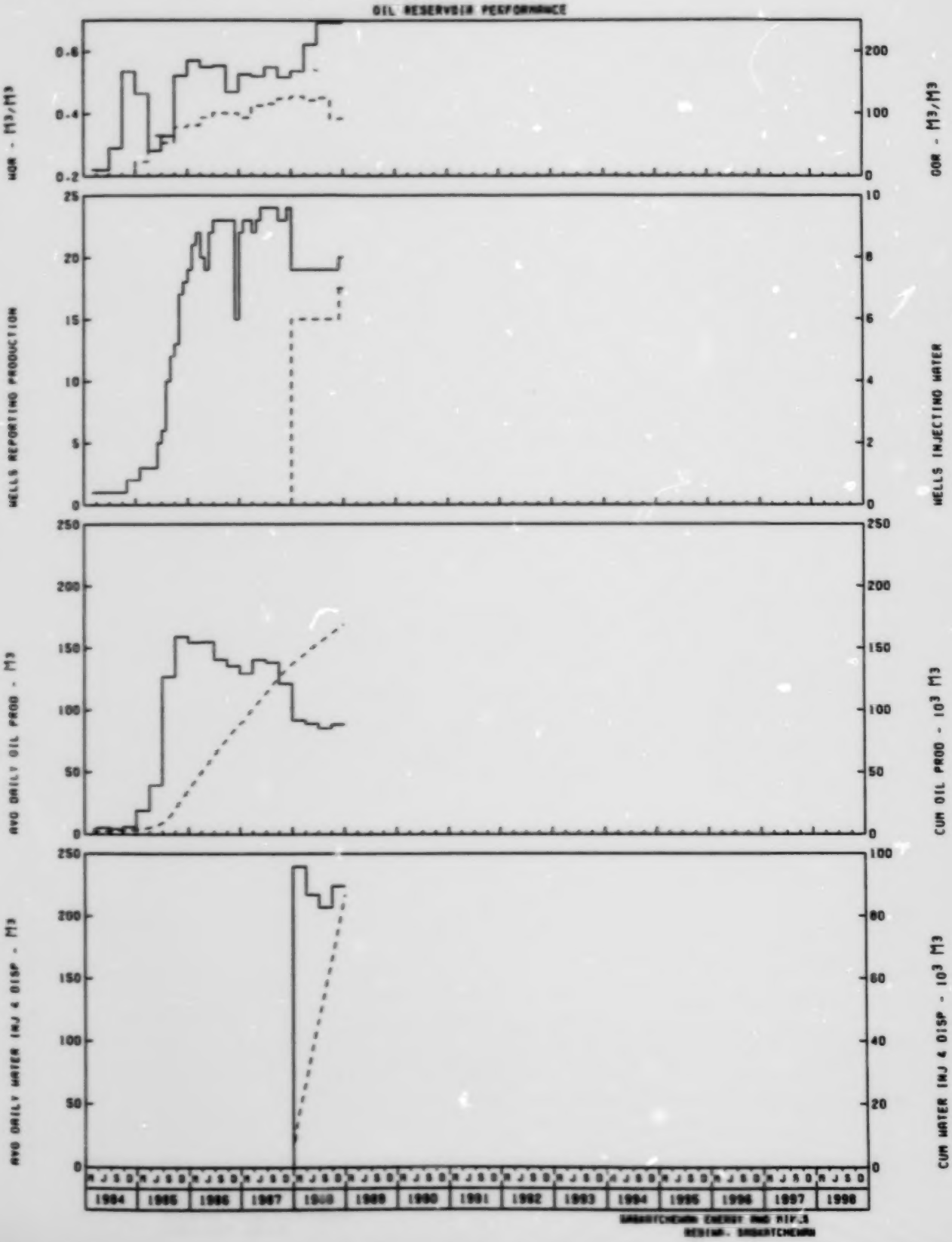
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

ELSWICK MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

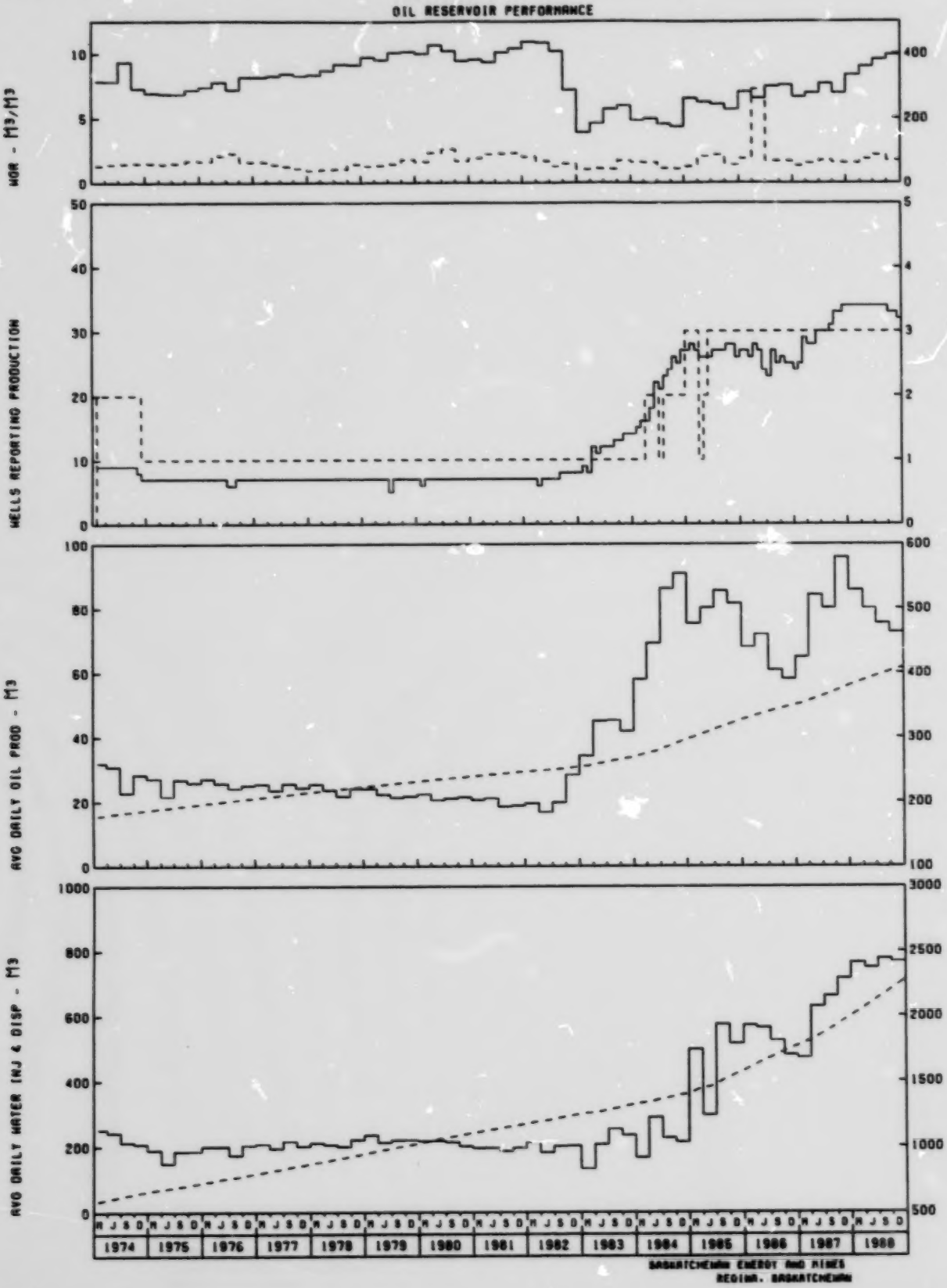


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FREESTONE FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



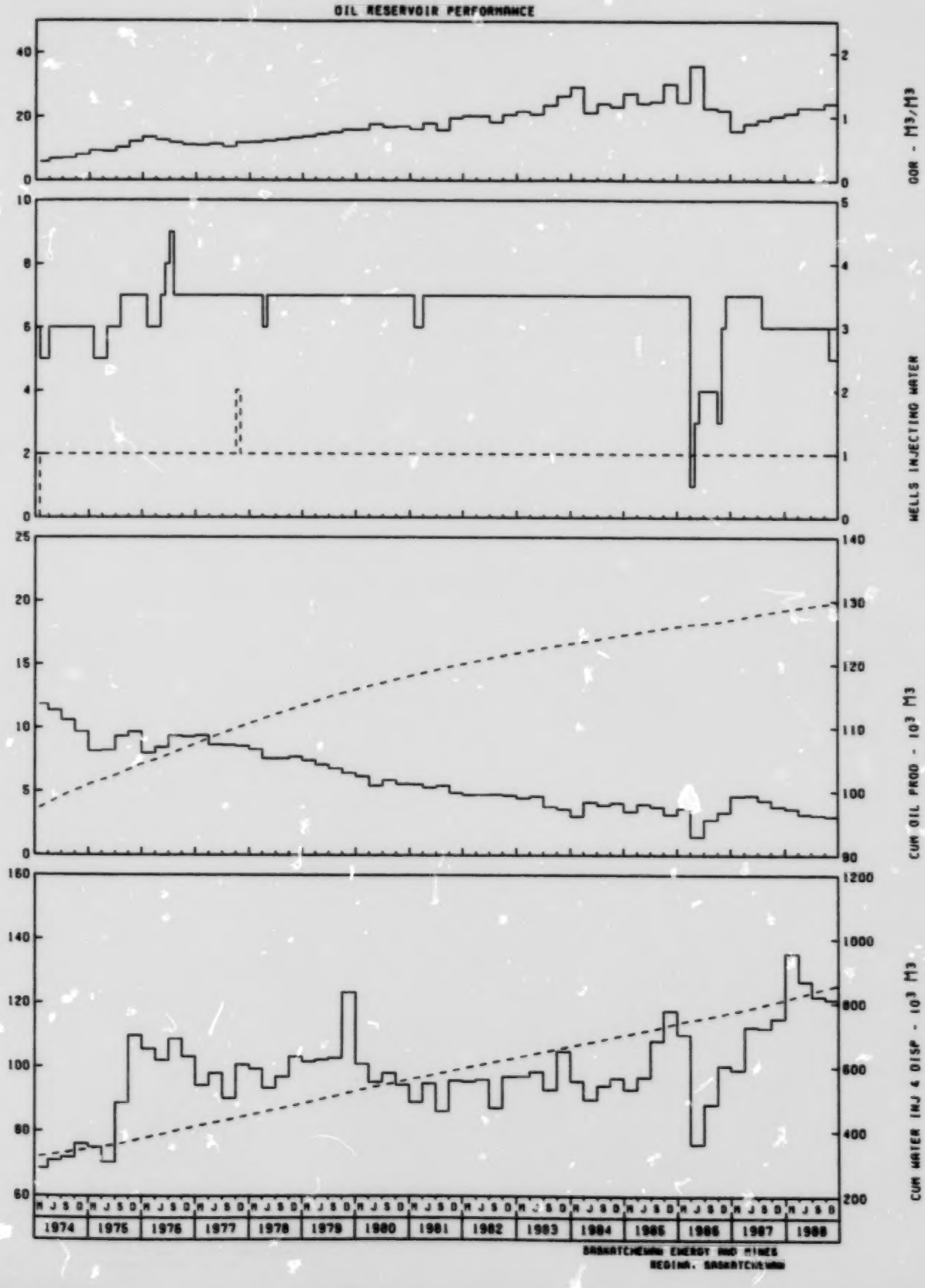
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GRIFFIN FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



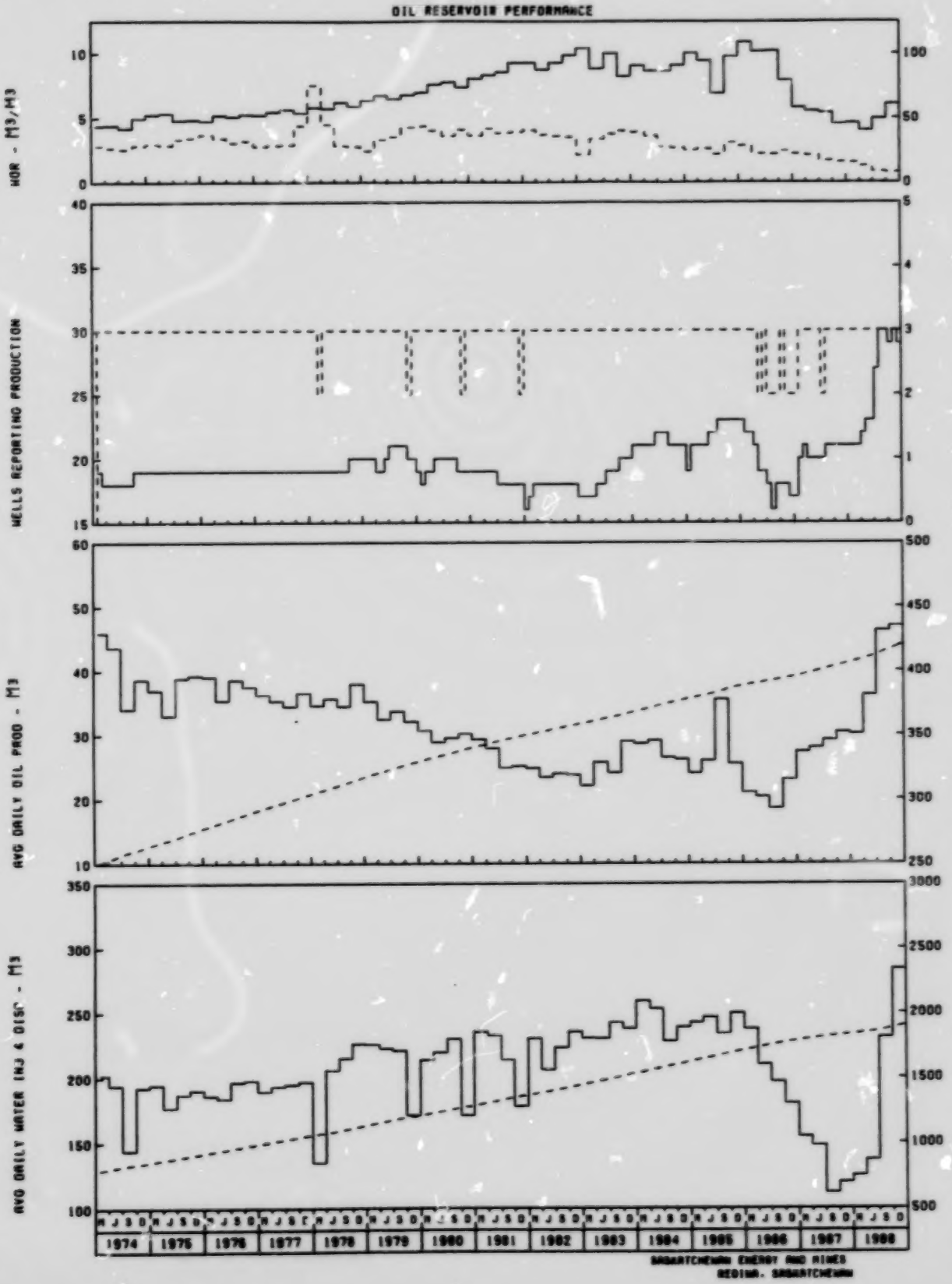
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HANDSWORTH ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



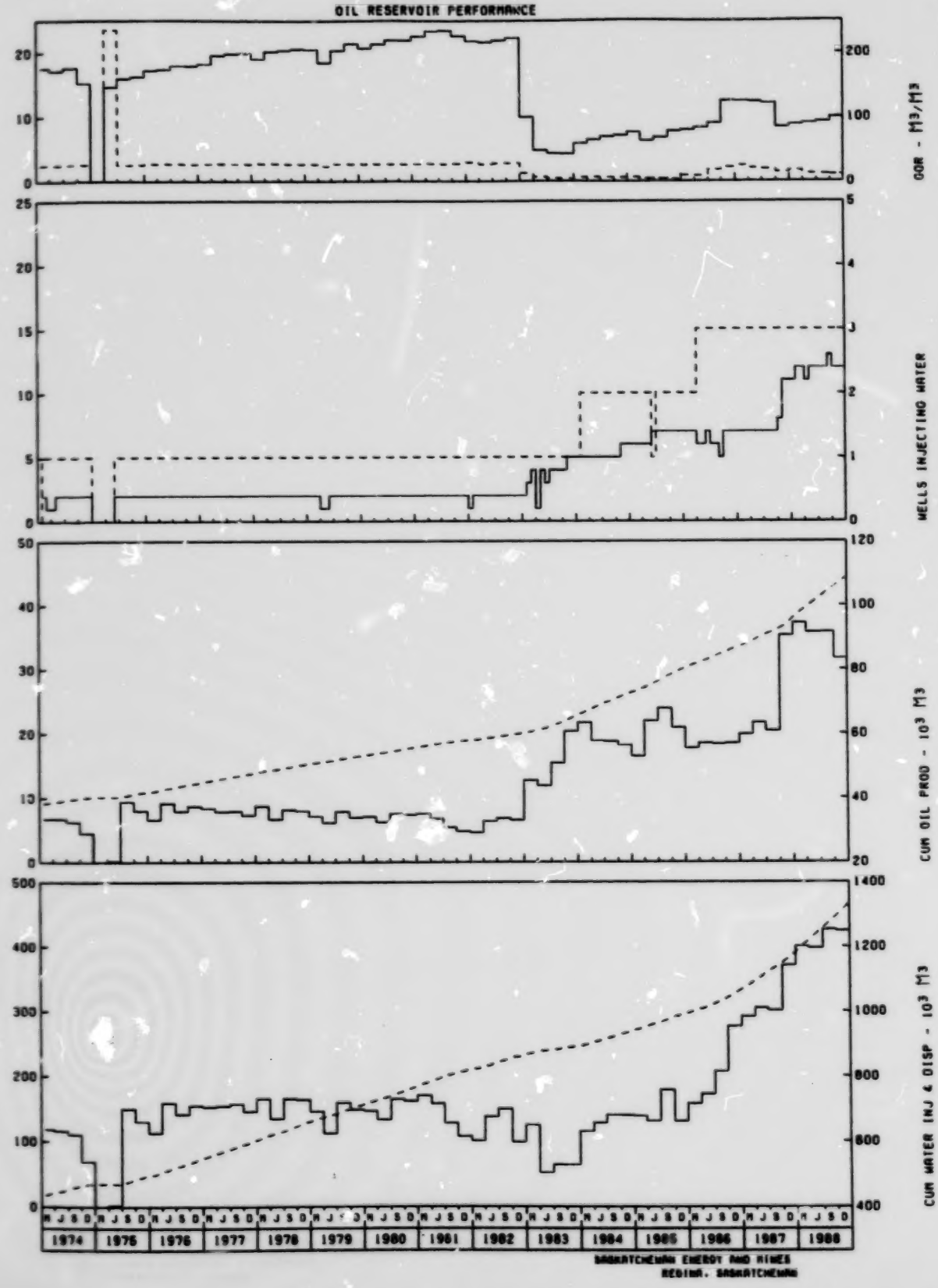
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HARTAVEN FROBISHER ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



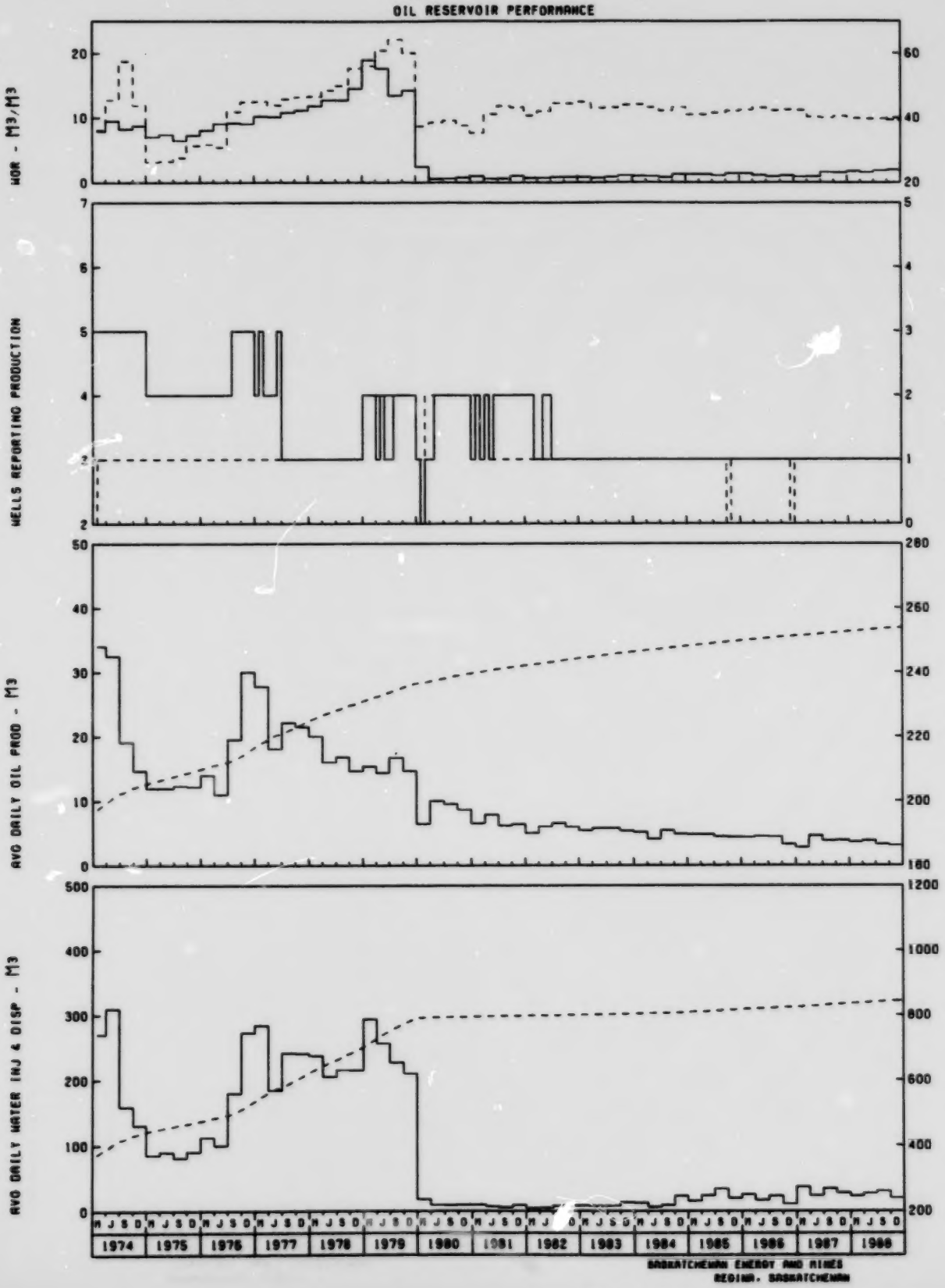
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HOFFER RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



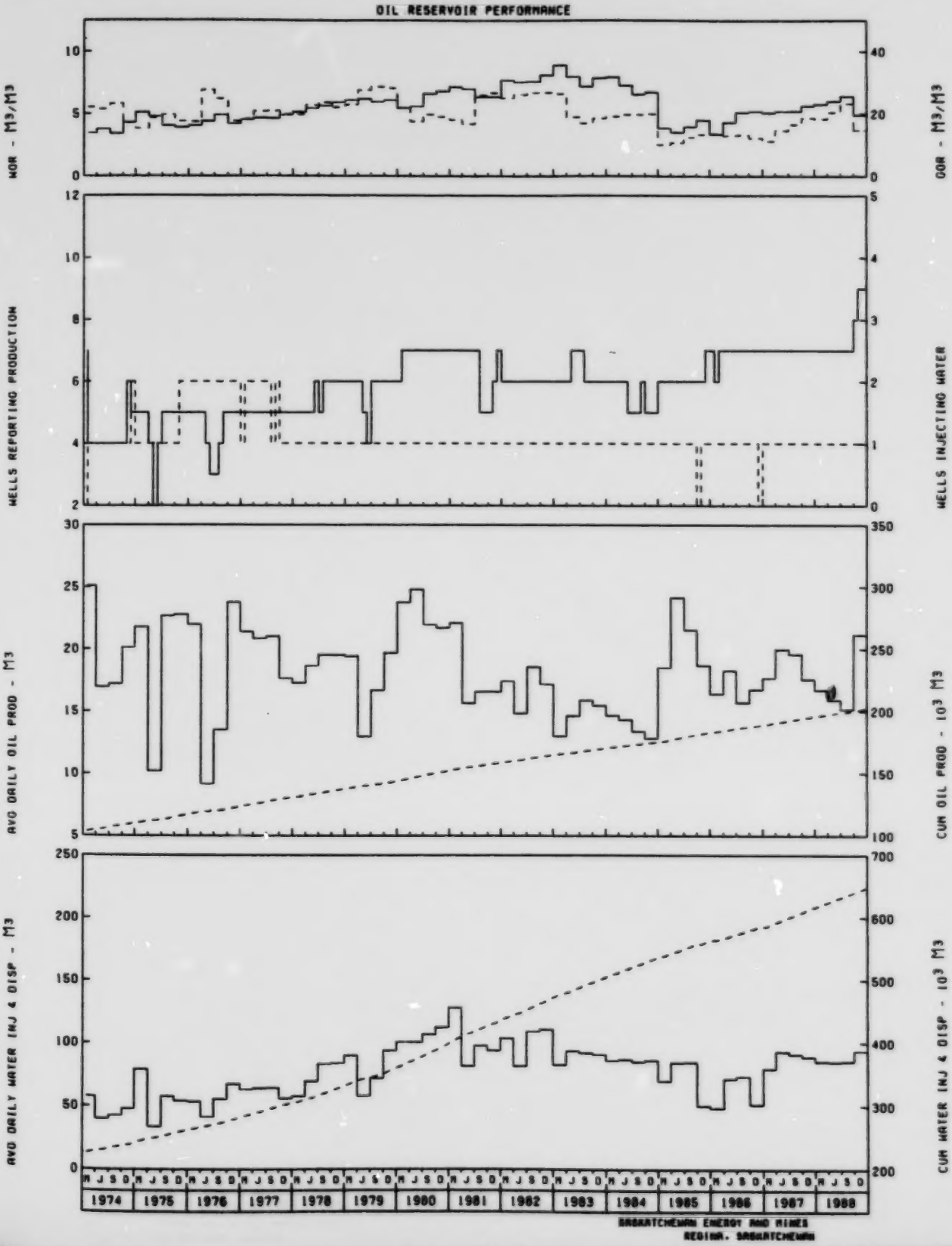
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUME FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



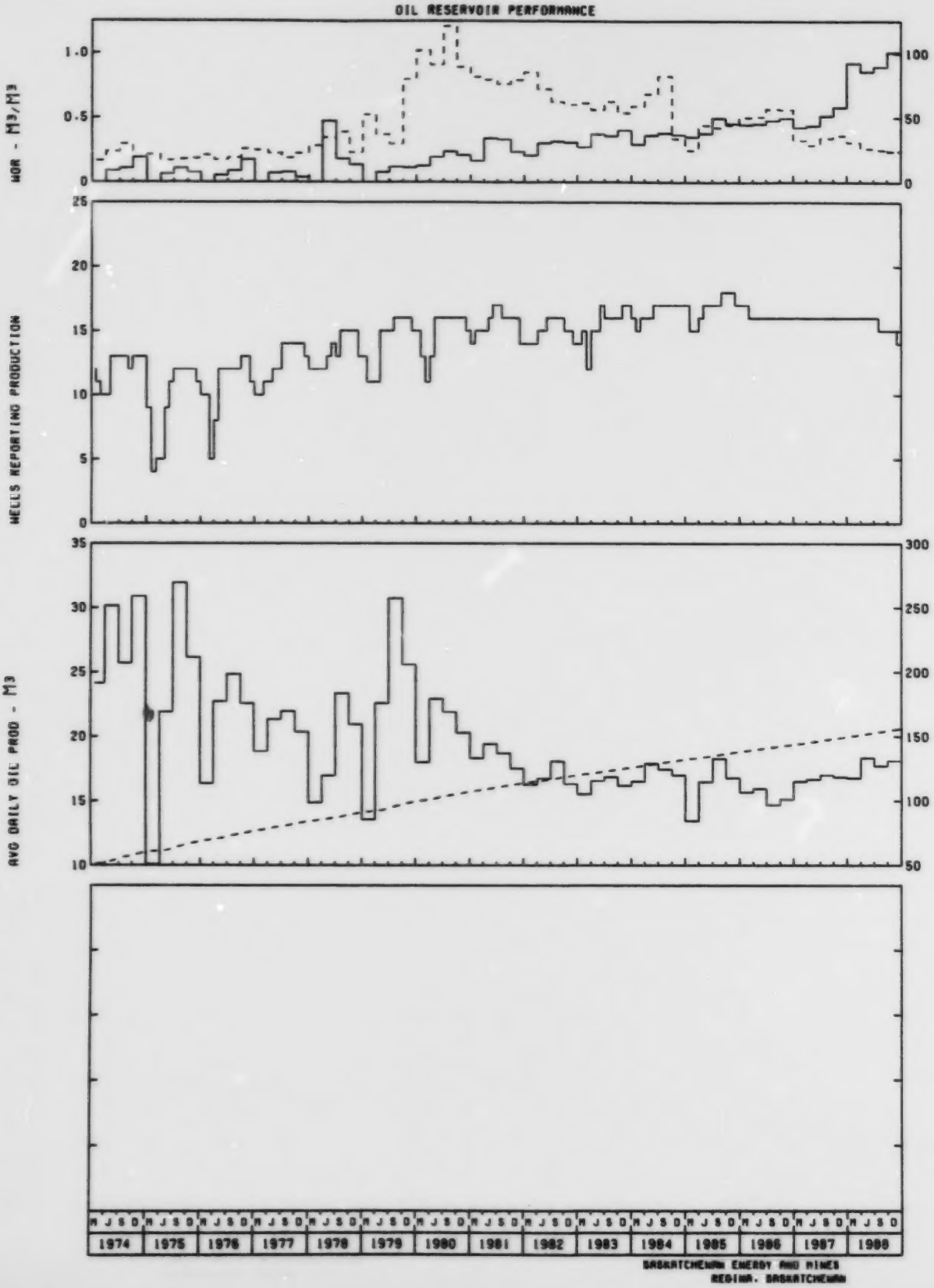
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUME MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



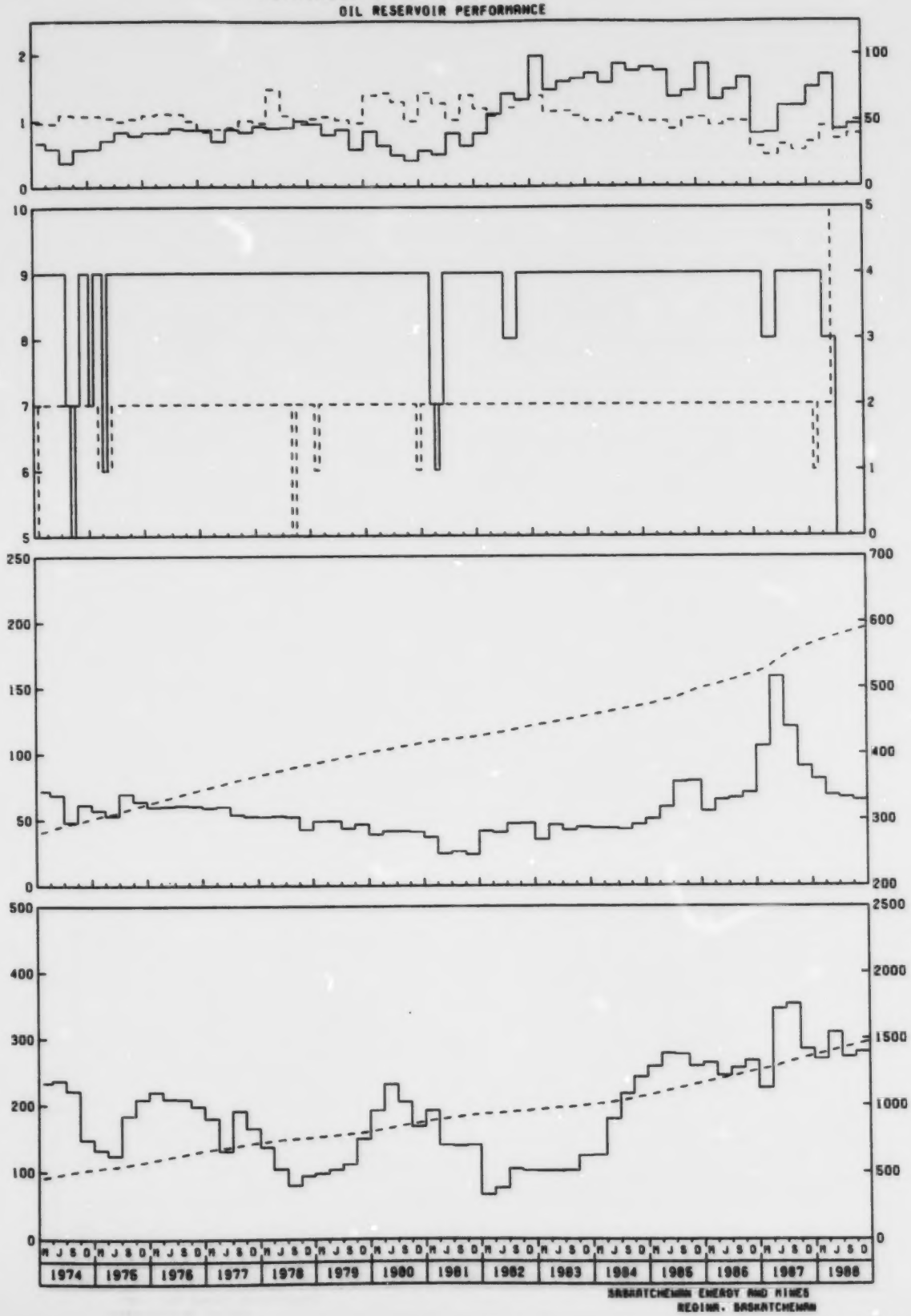
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUMMINGBIRD RATCLIFFE BEDS POOL

HUMMINGBIRD RAT VOL UNIT 1

OIL RESERVOIR PERFORMANCE



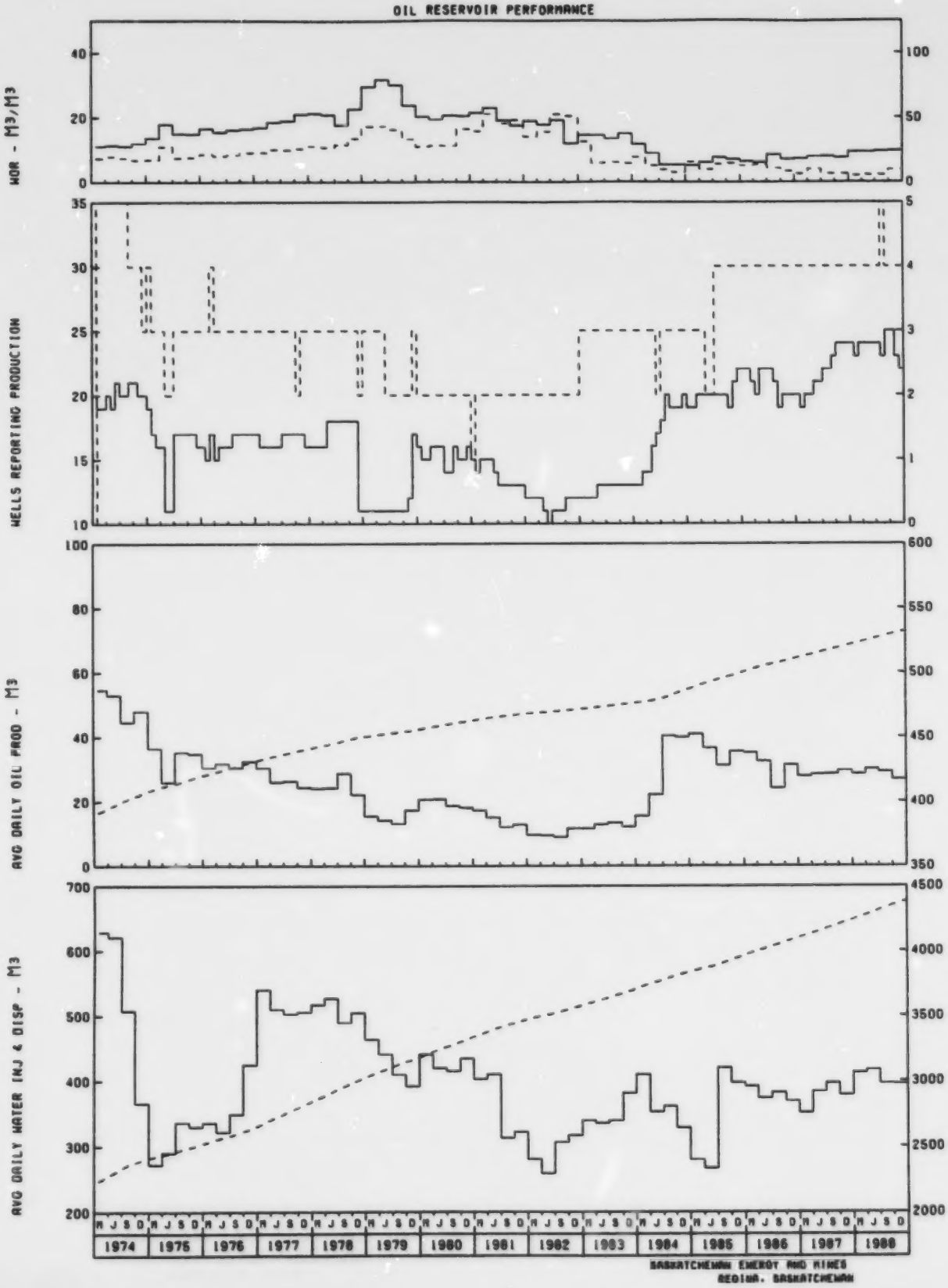
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUNTOON FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



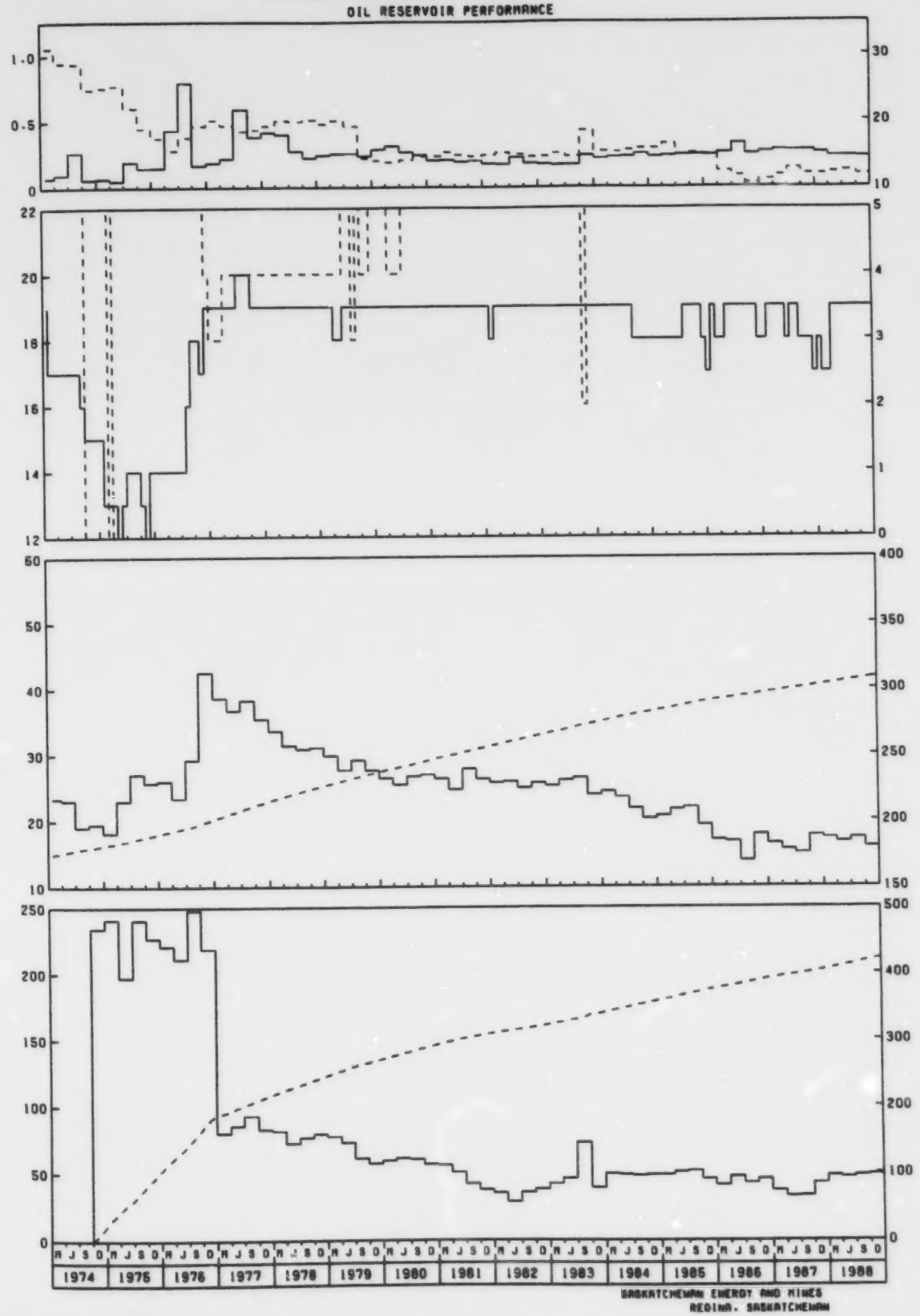
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUNTOON MIDALE BEDS POOL

HUNTOON MID BEDS VOL UNIT 1

OIL RESERVOIR PERFORMANCE



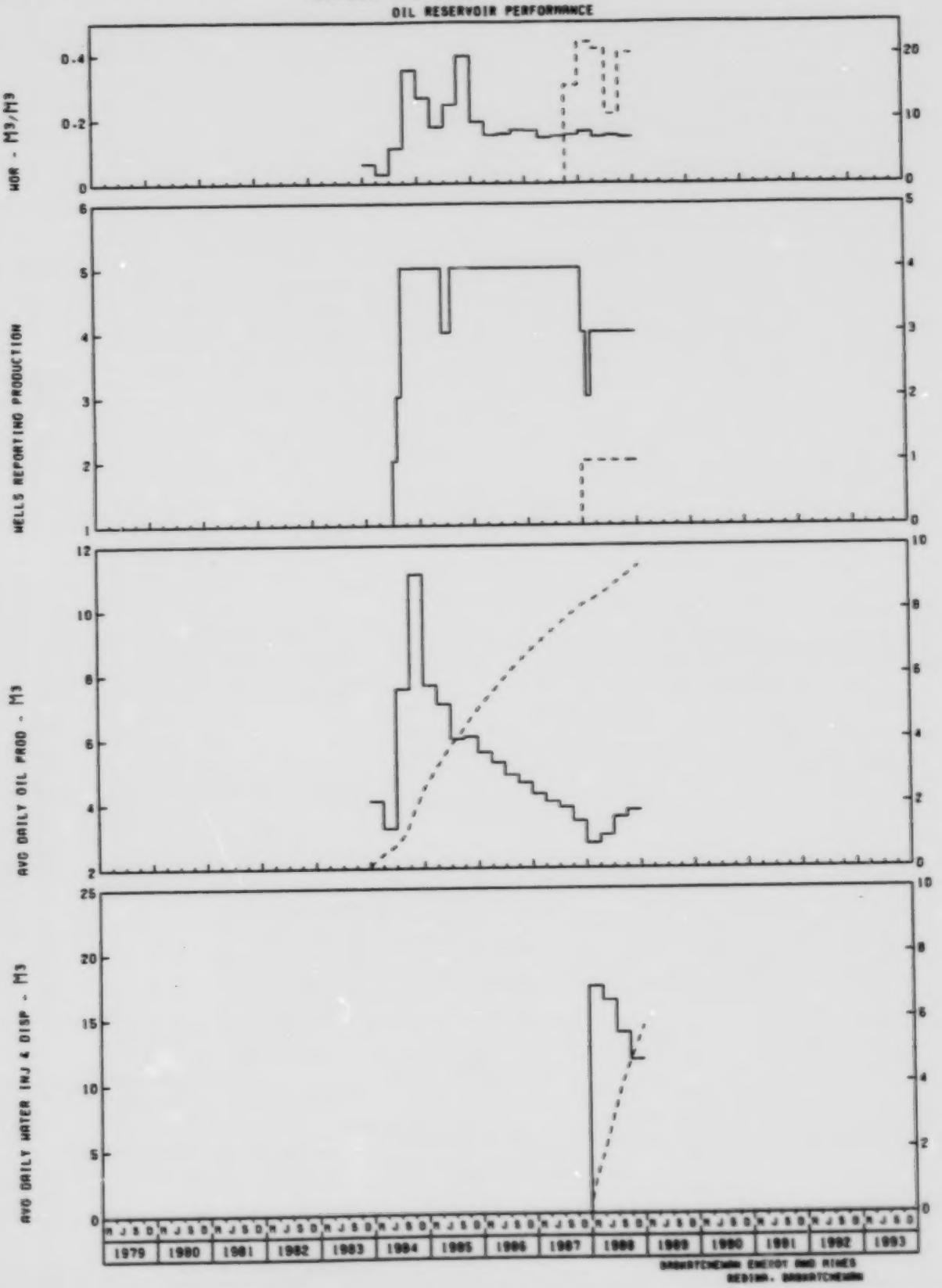
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUNTOON MIDALE BEDS POOL

HUNTOON MID BEDS VOL UNIT 2

OIL RESERVOIR PERFORMANCE

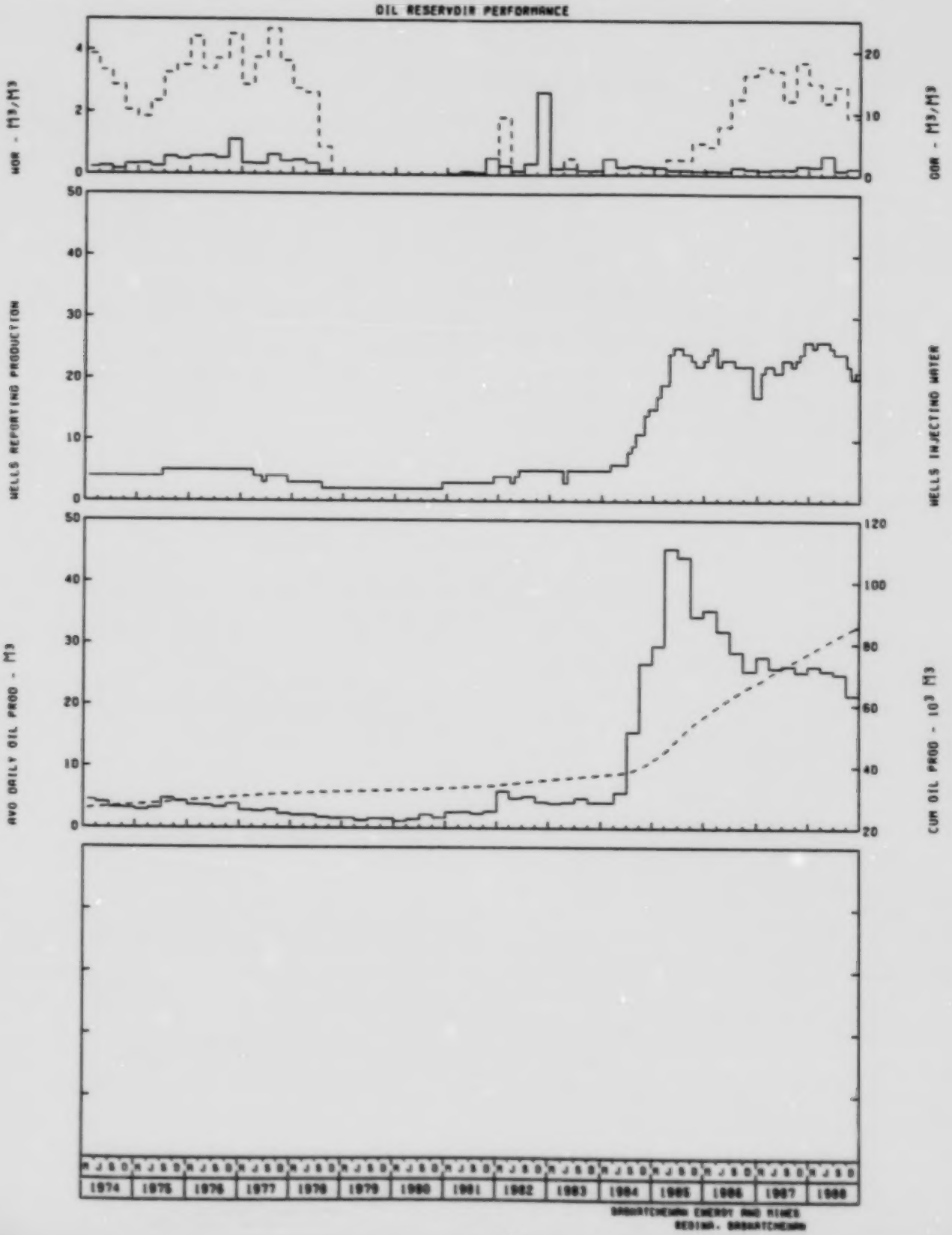


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HUNTOON MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

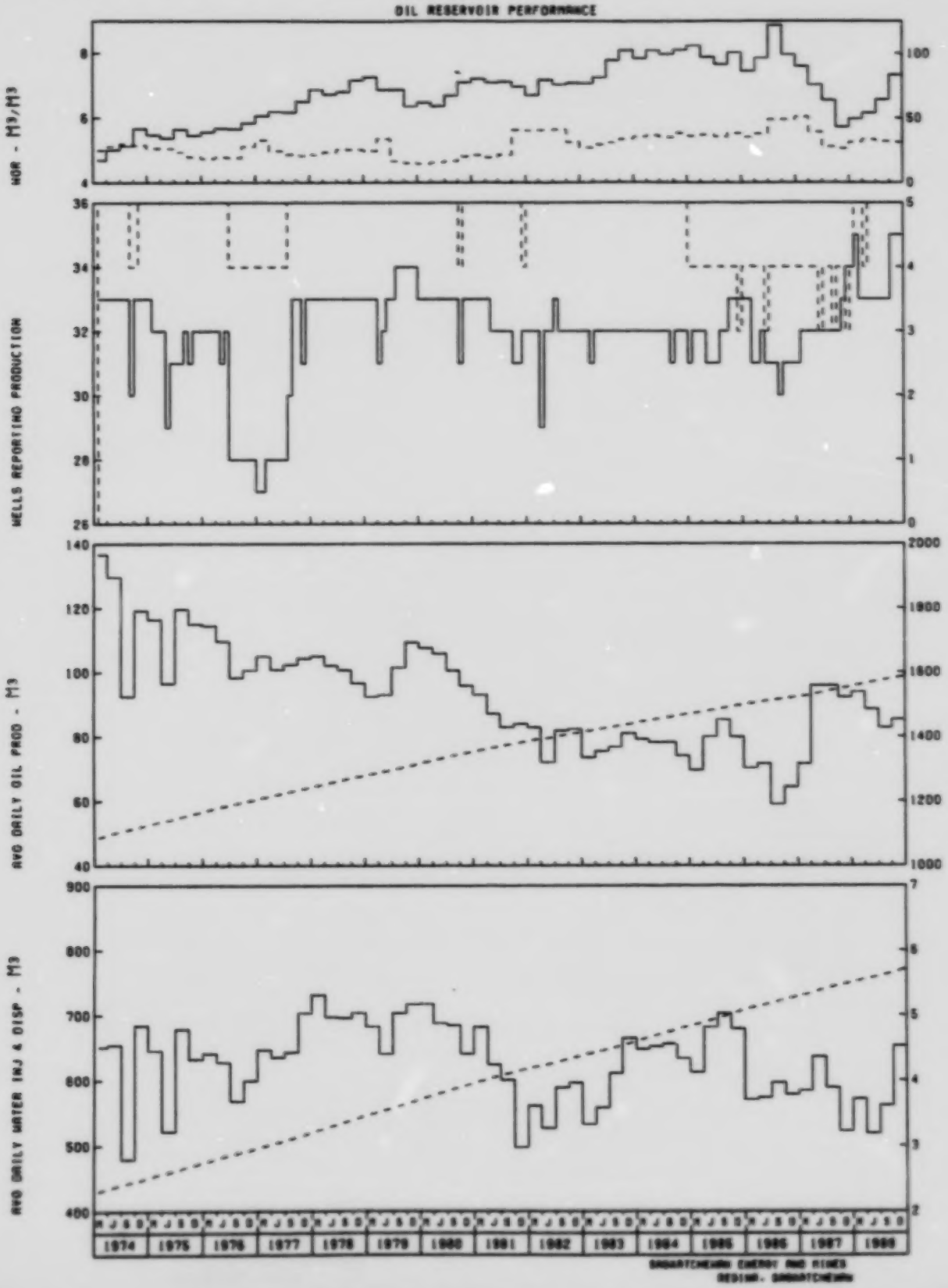


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

INGOLDSBY FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

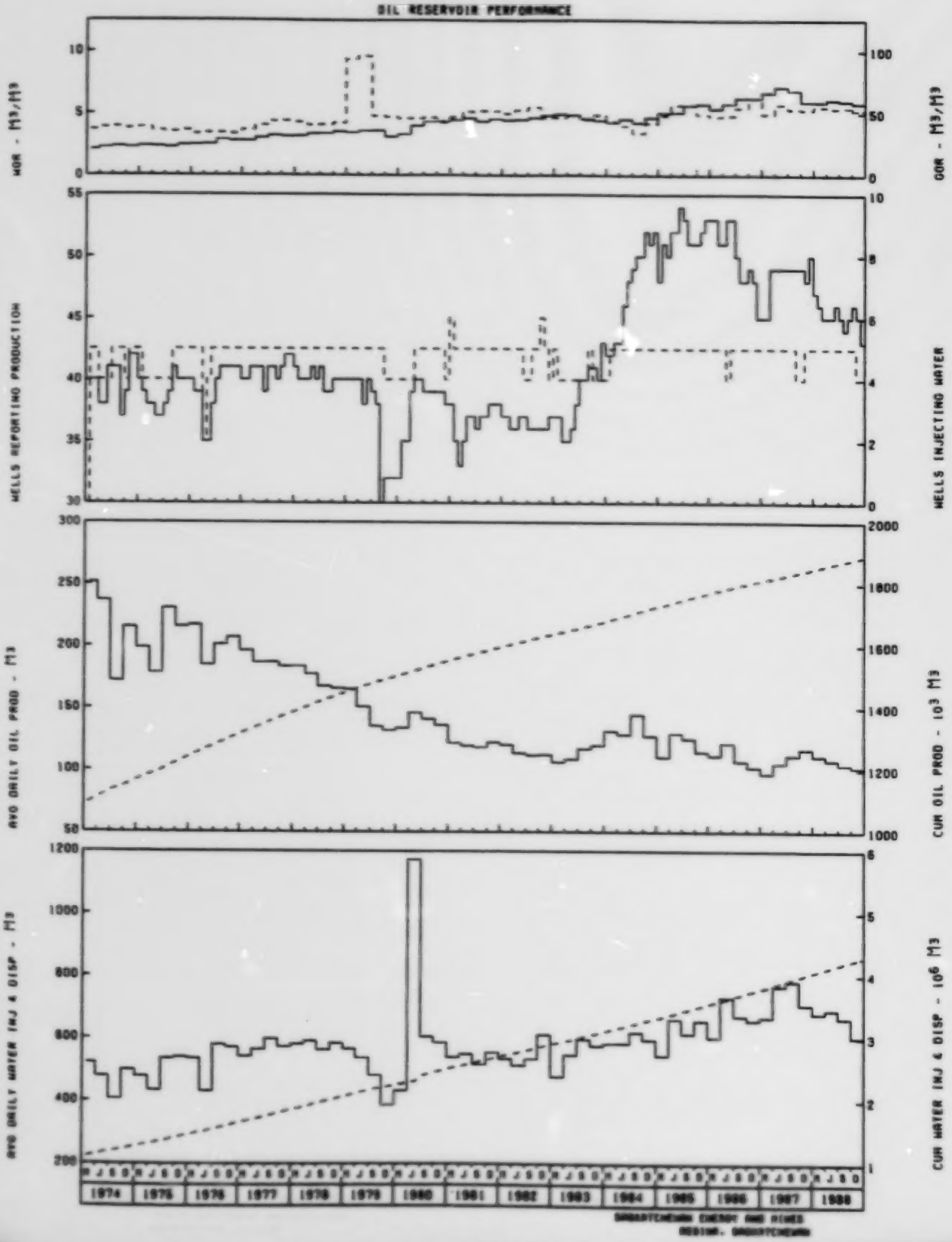


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

INNES FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

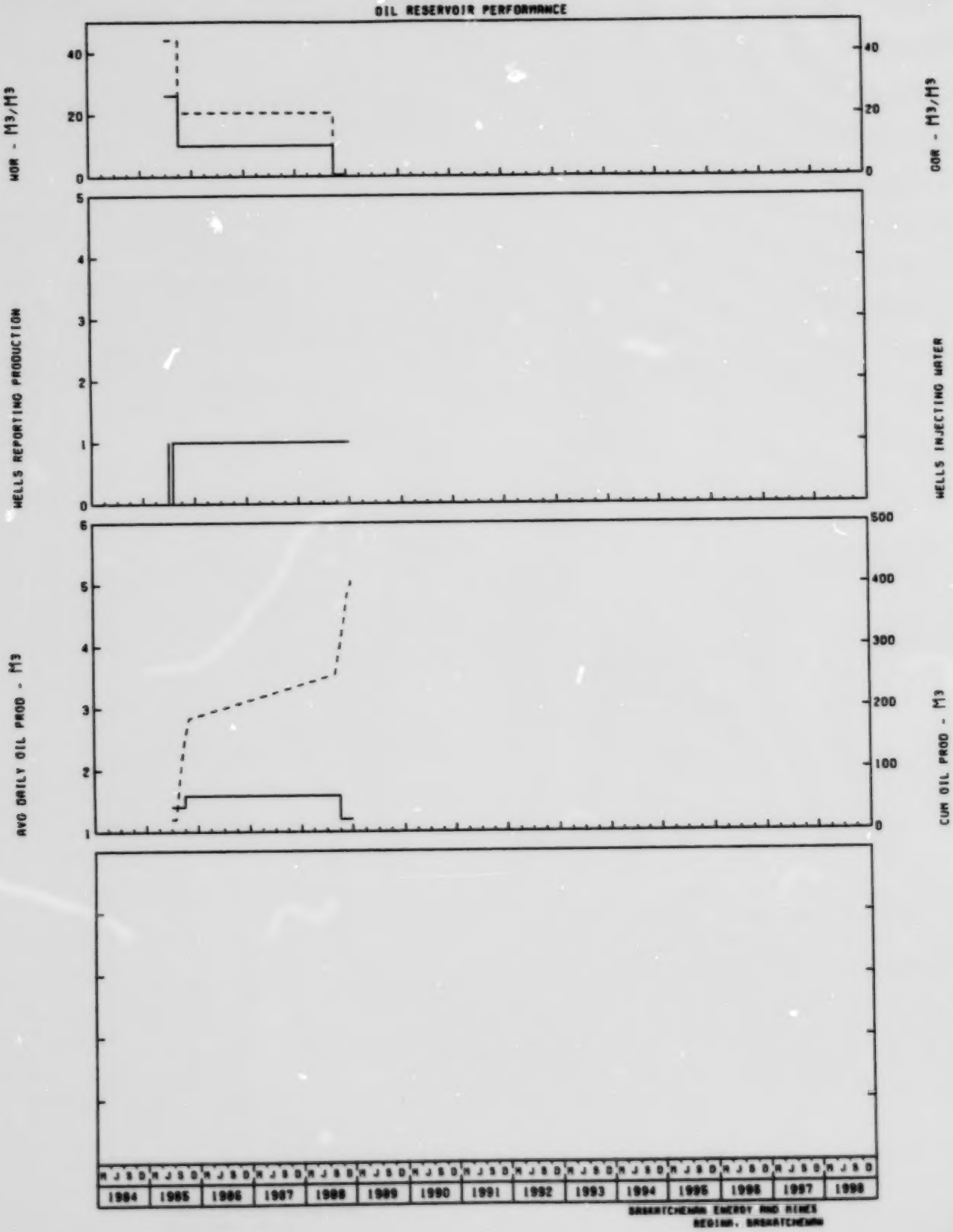


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

KISBEY FROB-ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



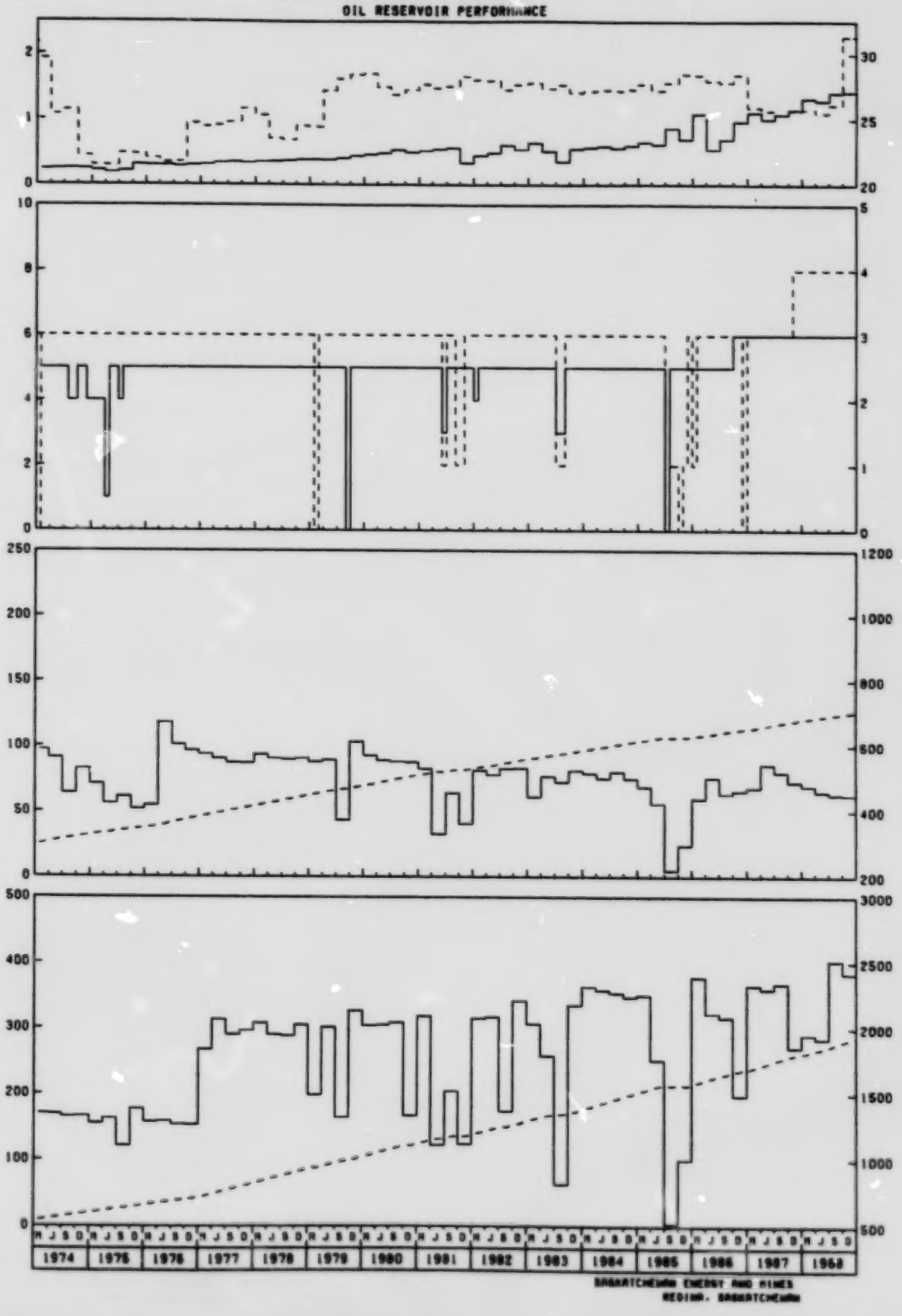
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LAKE ALMA RATCLIFFE BEDS POOL

LAKE ALMA VOLUNTARY UNIT

OIL RESERVOIR PERFORMANCE



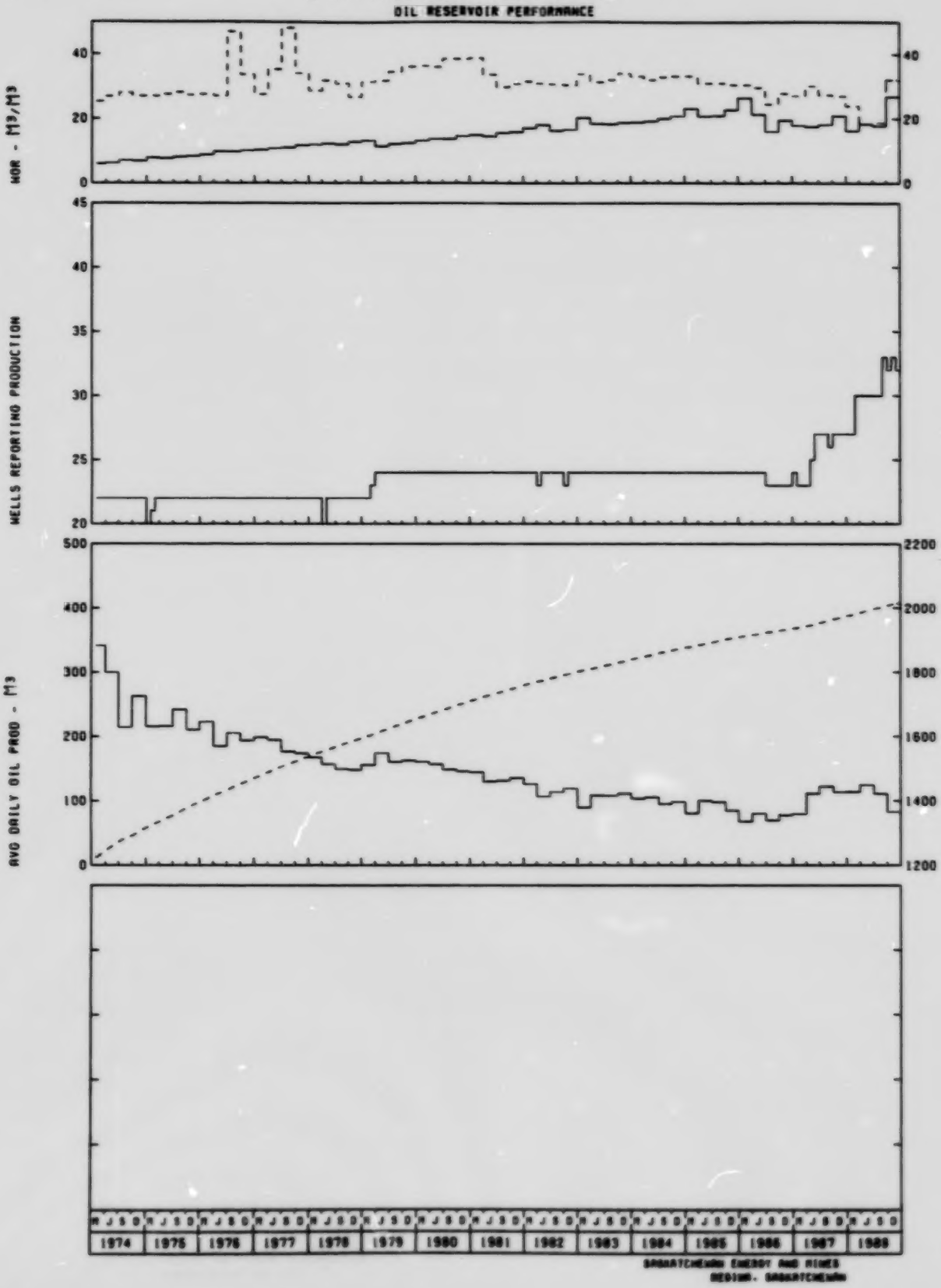
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOST HORSE HILL FROB ALIDA BEDS

L H H FROB ALIDA VOL UNIT 1

OIL RESERVOIR PERFORMANCE



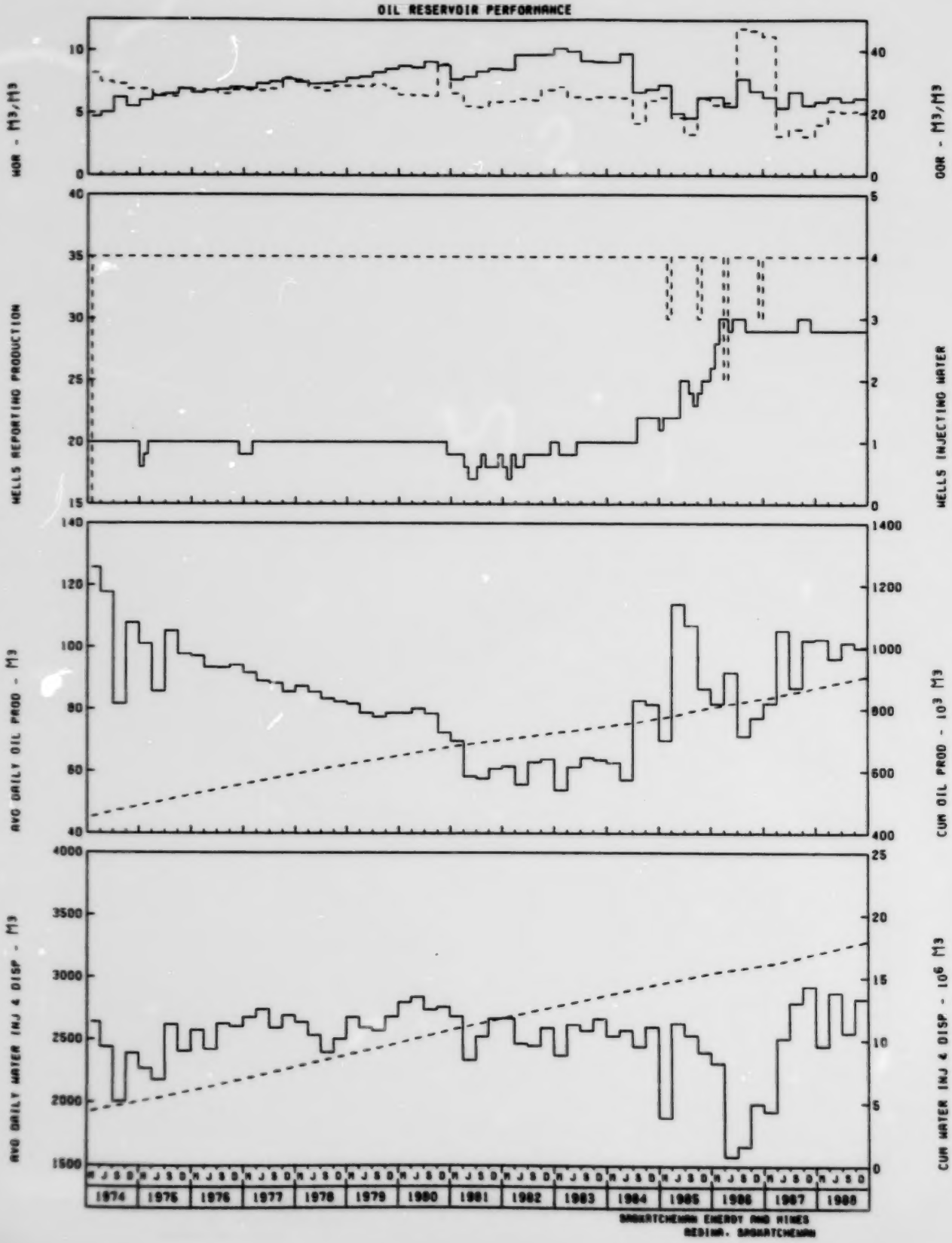
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOST HORSE HILL FROB ALIDA BEDS

NON-UNITS

OIL RESERVOIR PERFORMANCE



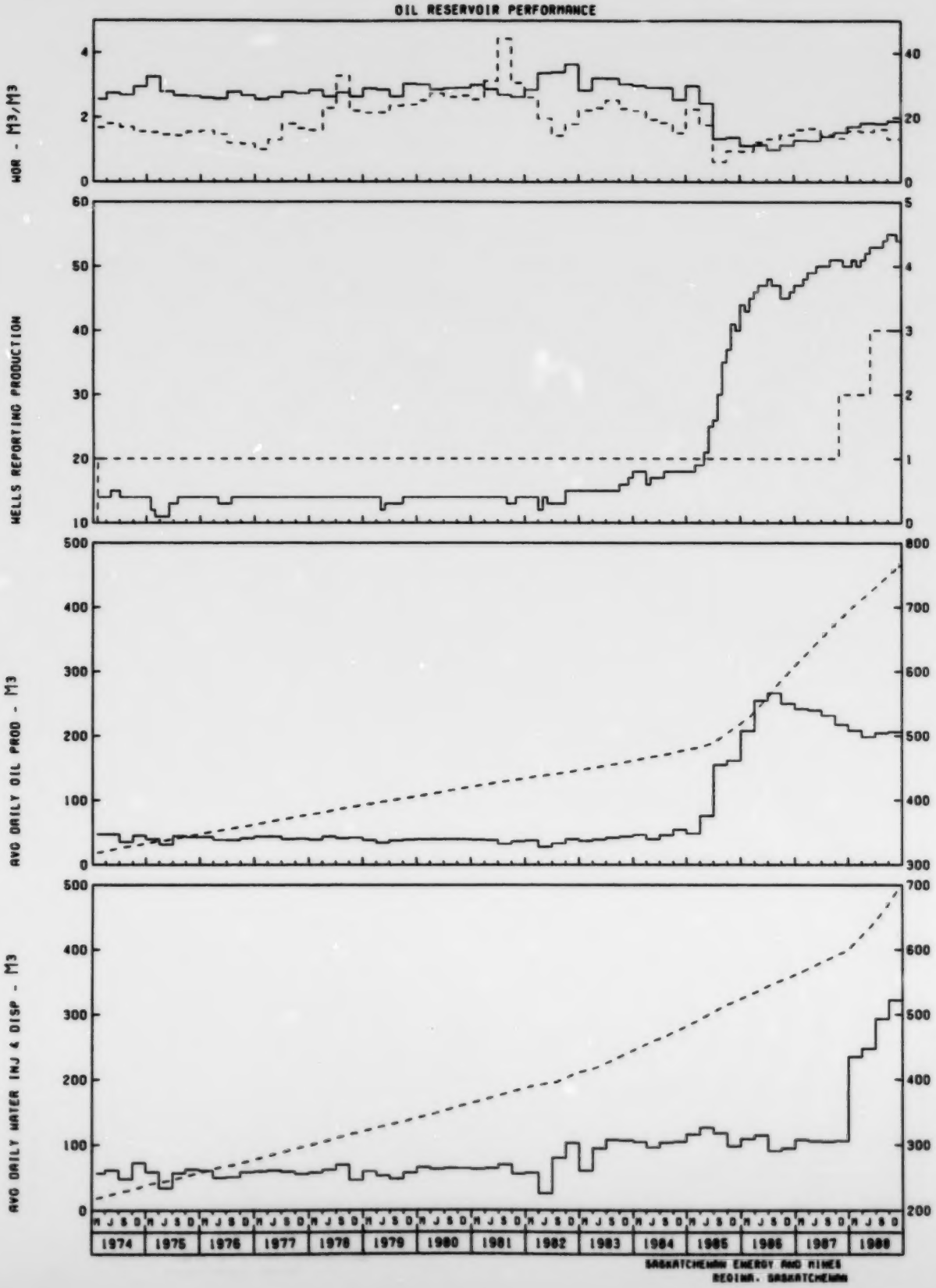
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOUGHEED MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



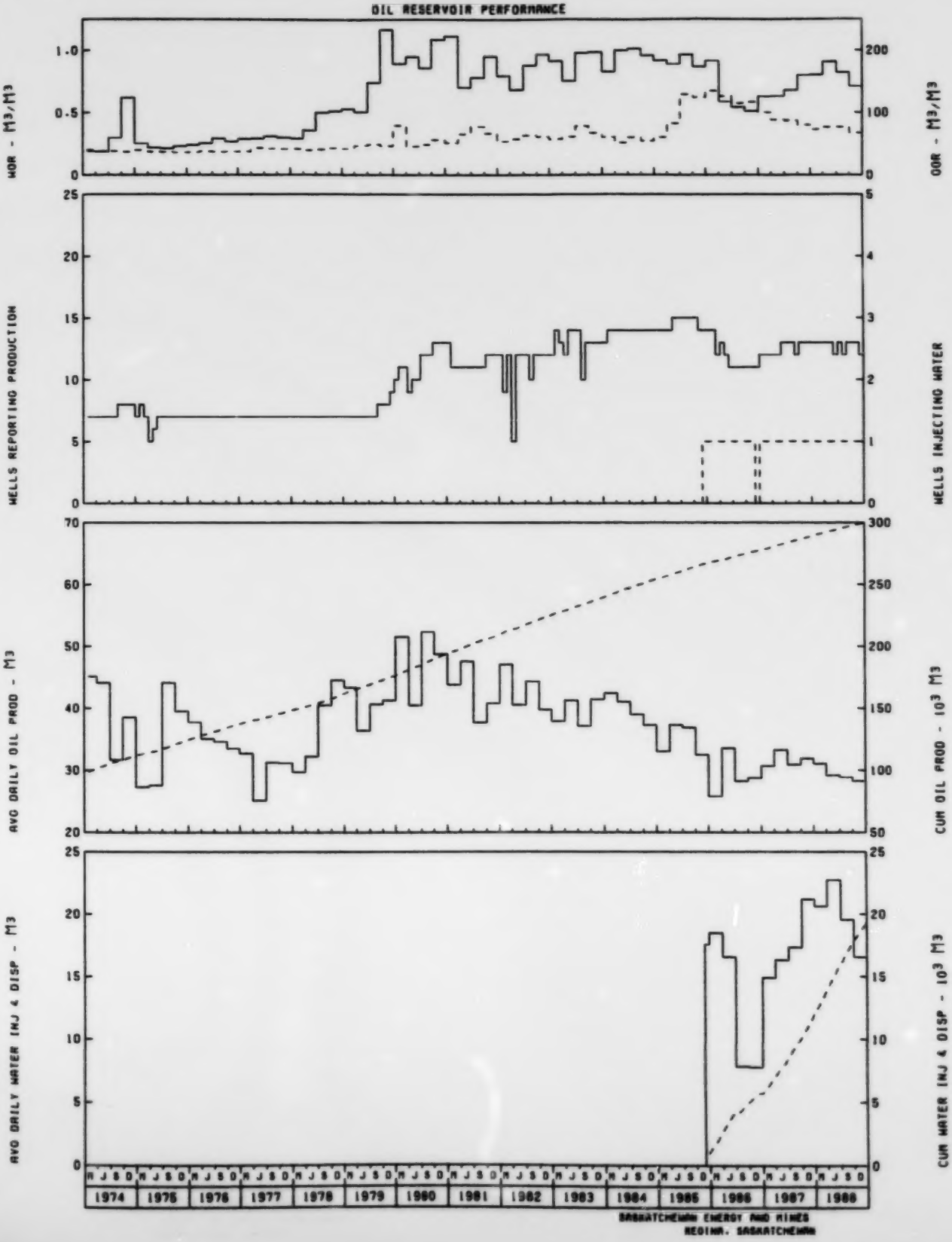
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MACOUN MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



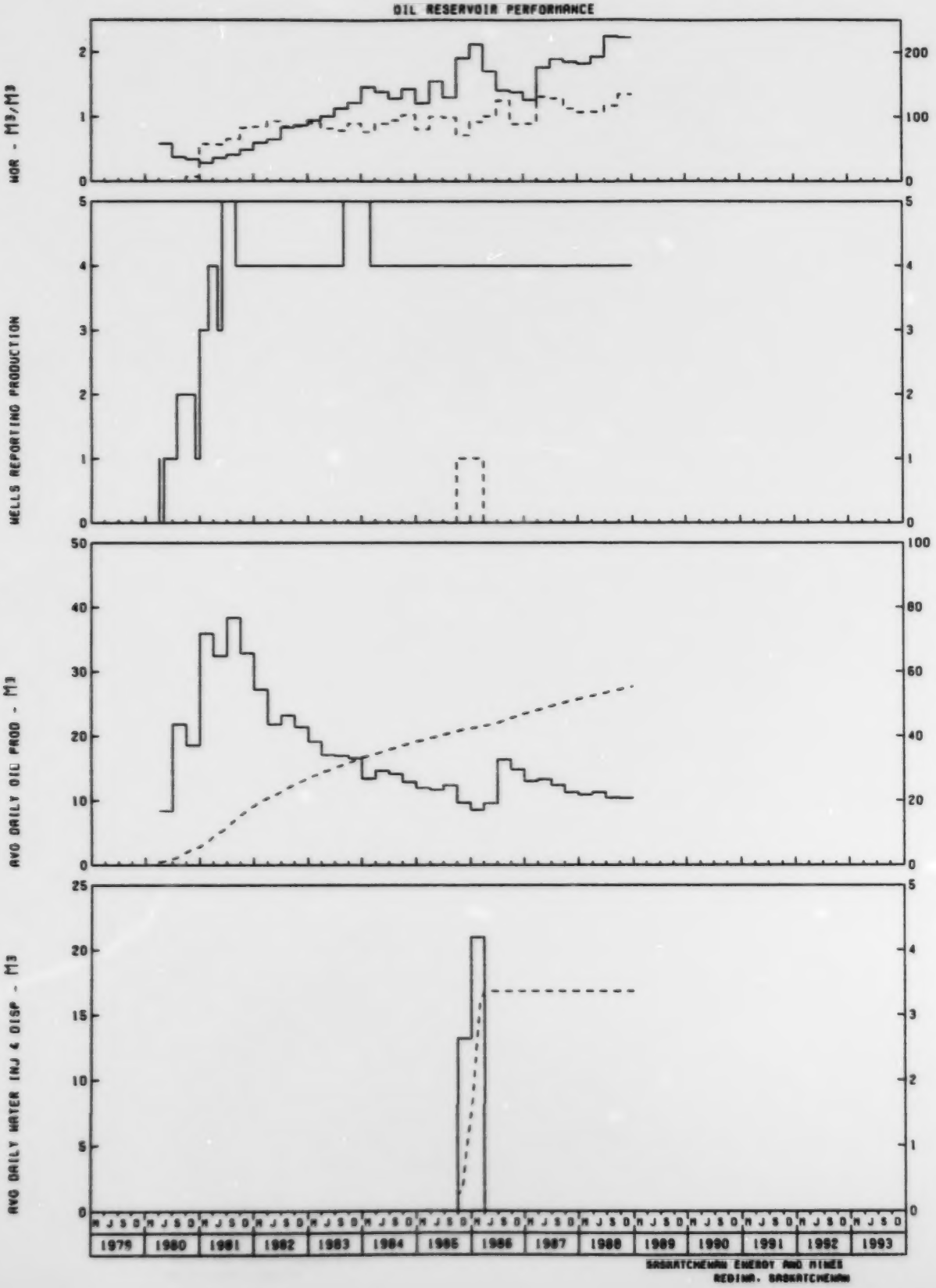
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MACOUN WEST MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



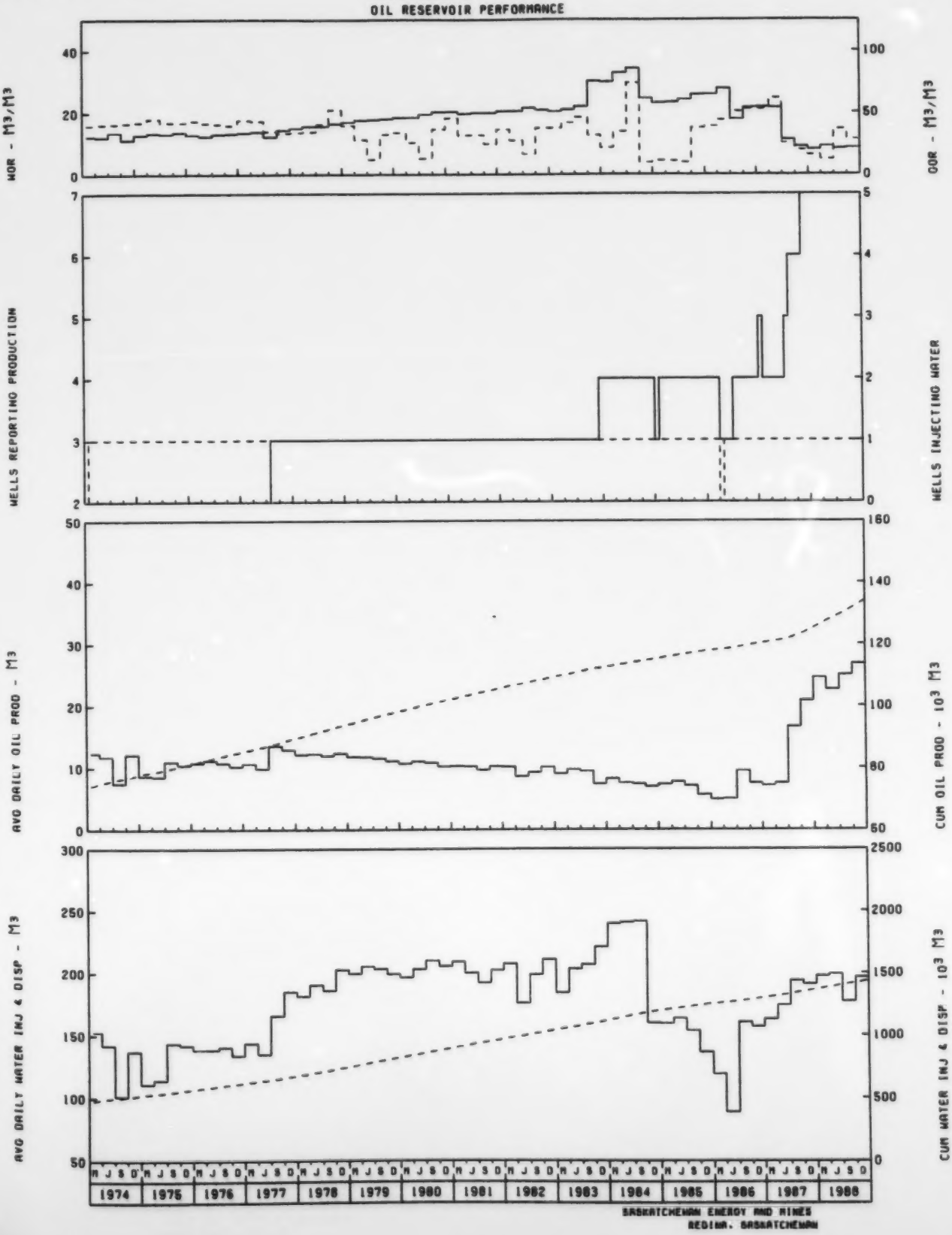
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MELROSE FROBISHER ALIDA BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



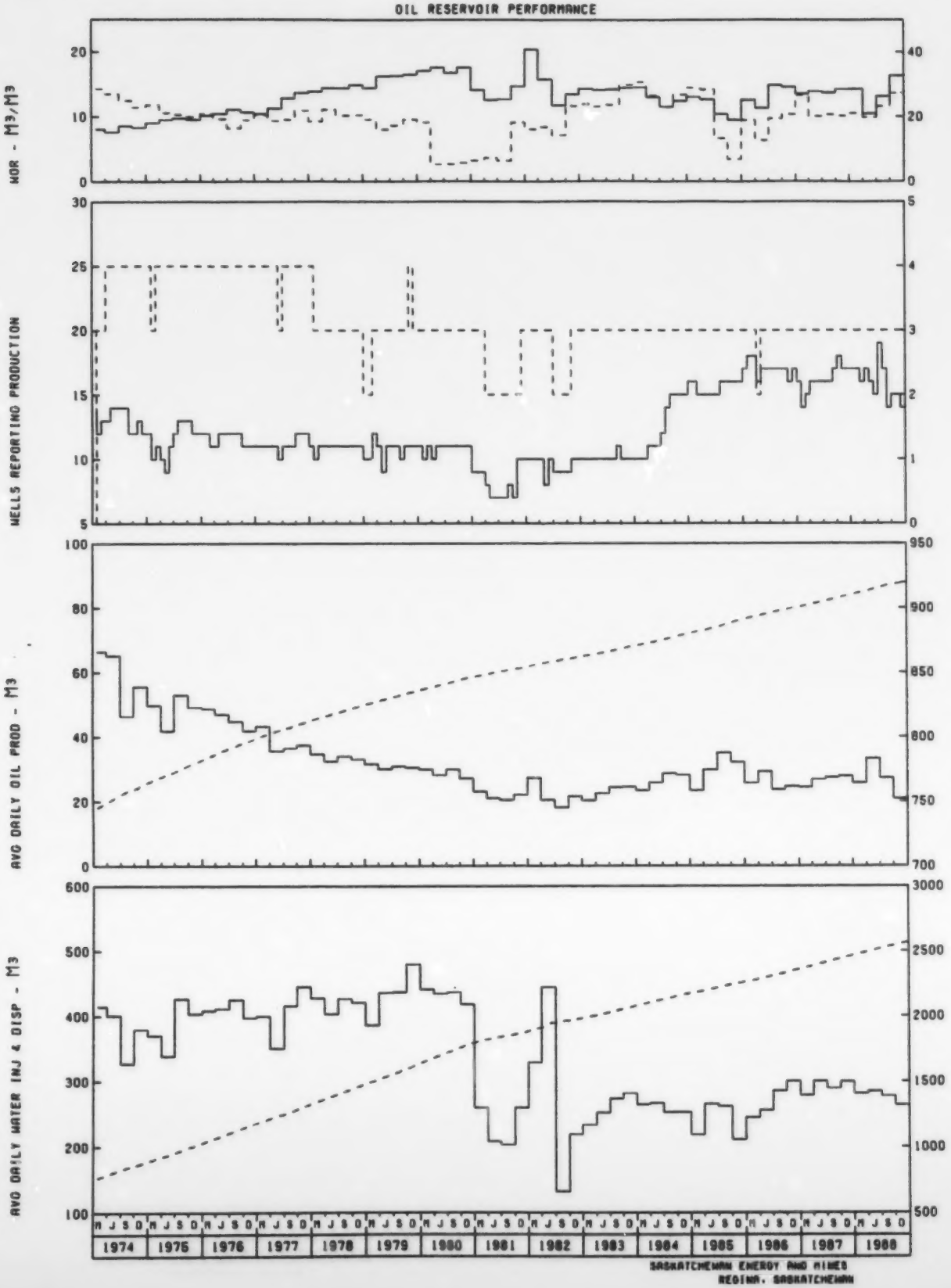
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MIDALE CENTRAL FROBISHER BEDS PL

NON-UNITS

OIL RESERVOIR PERFORMANCE



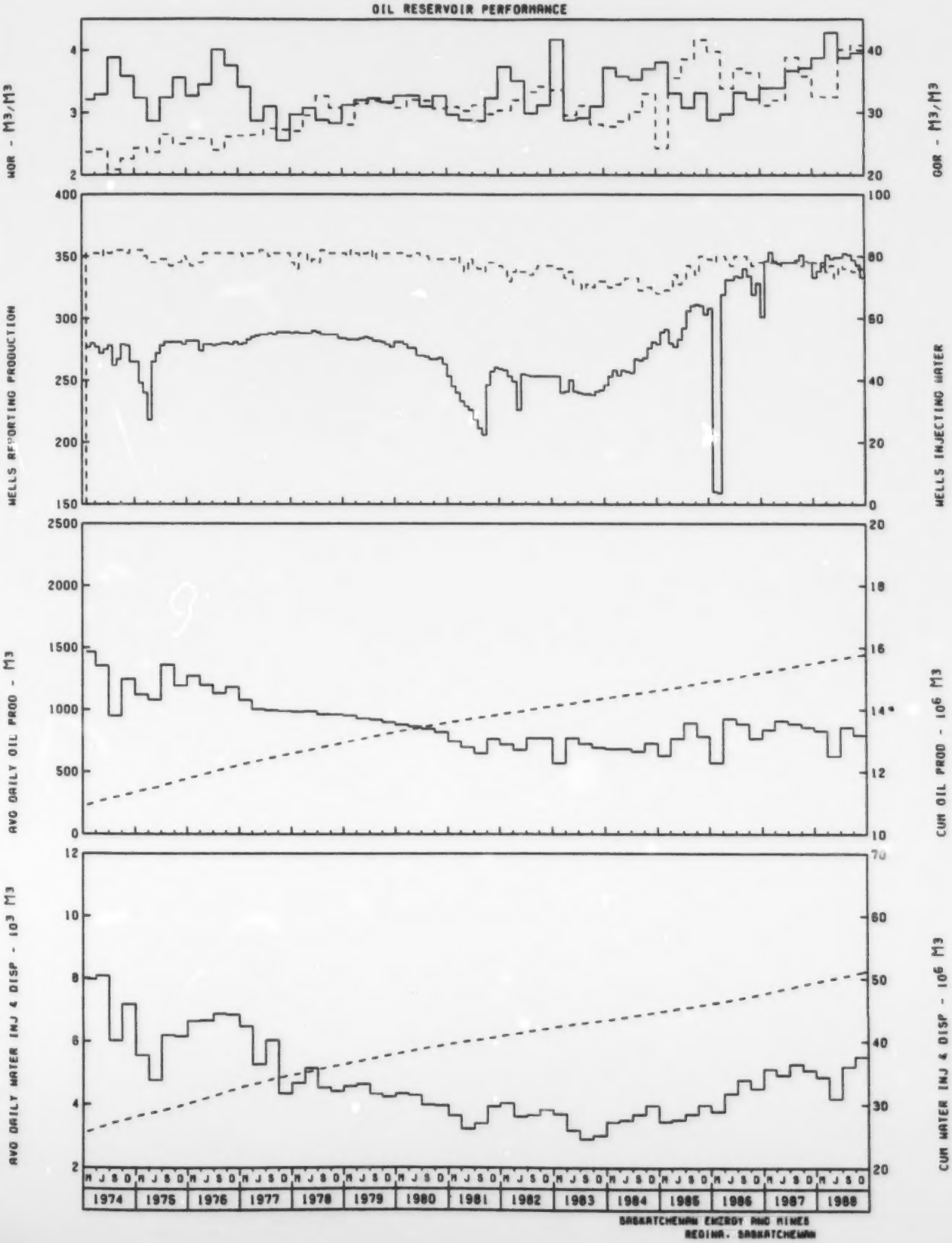
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MIDALE CENTRAL MIDALE BEDS POOL

MIDALE UNIT

OIL RESERVOIR PERFORMANCE



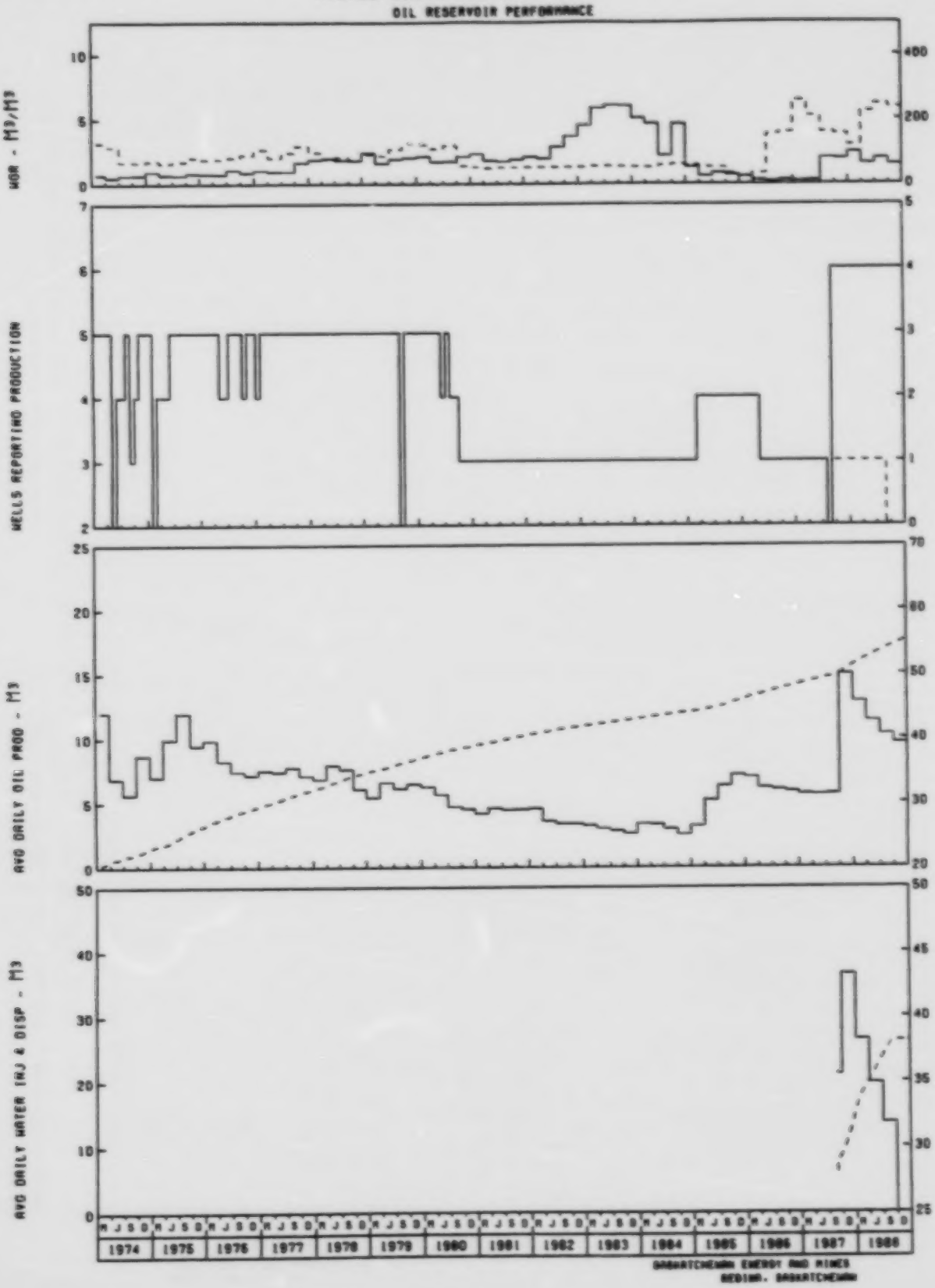
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MIDALE CENTRAL MIDALE BEDS POOL

MIDALE SOUTH VOL UNIT NO 1

OIL RESERVOIR PERFORMANCE



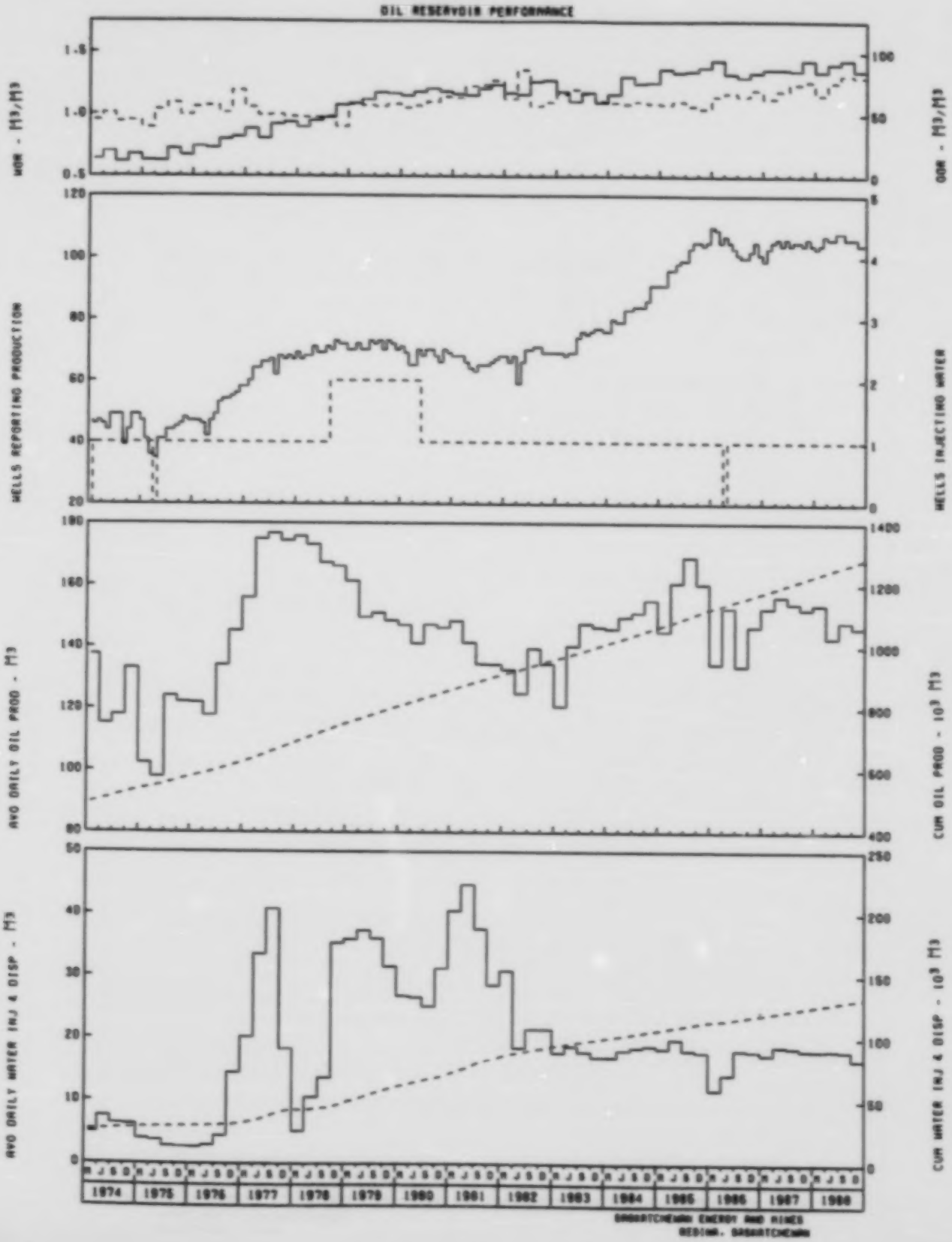
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MIDALE CENTRAL MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



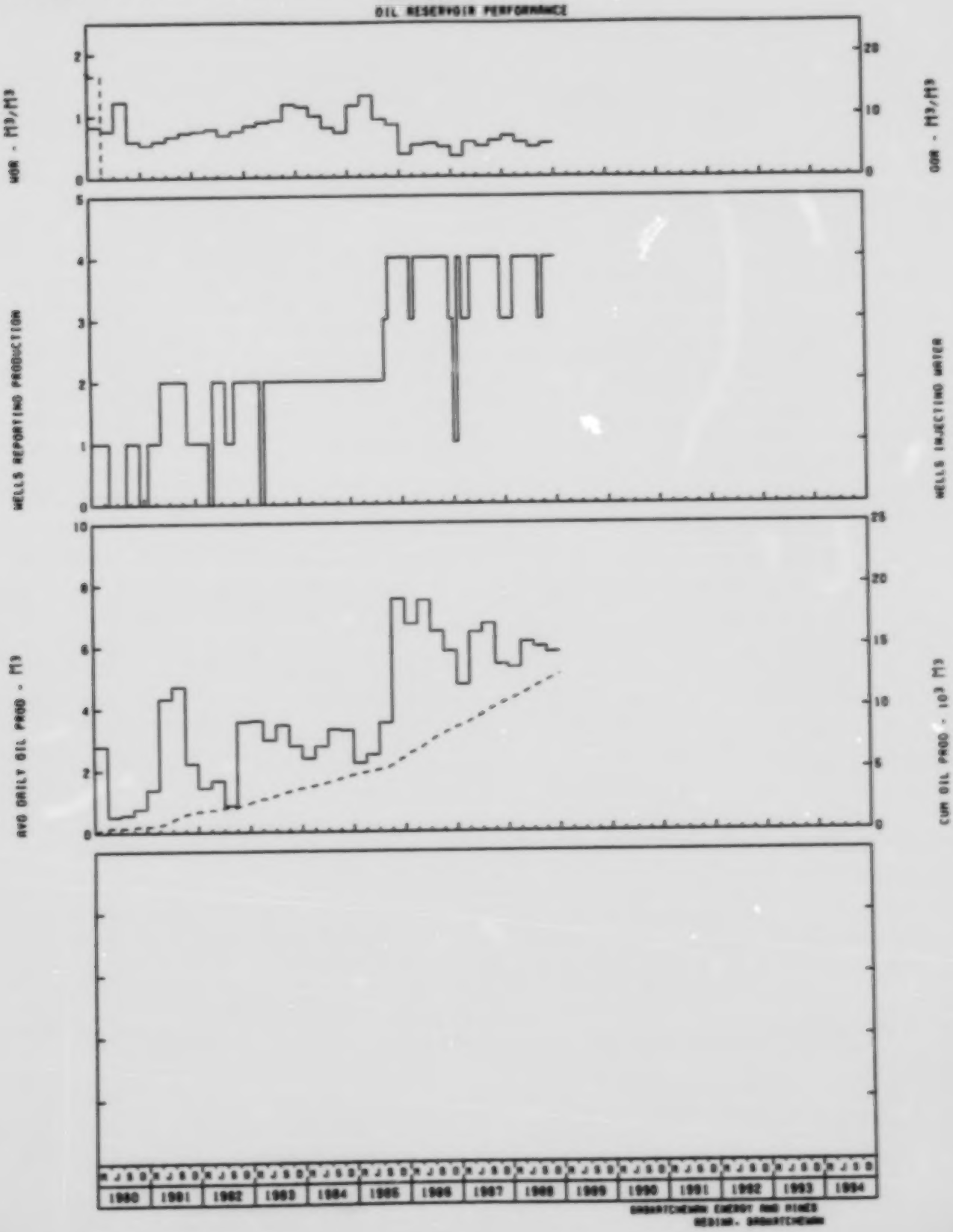
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MINARD MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

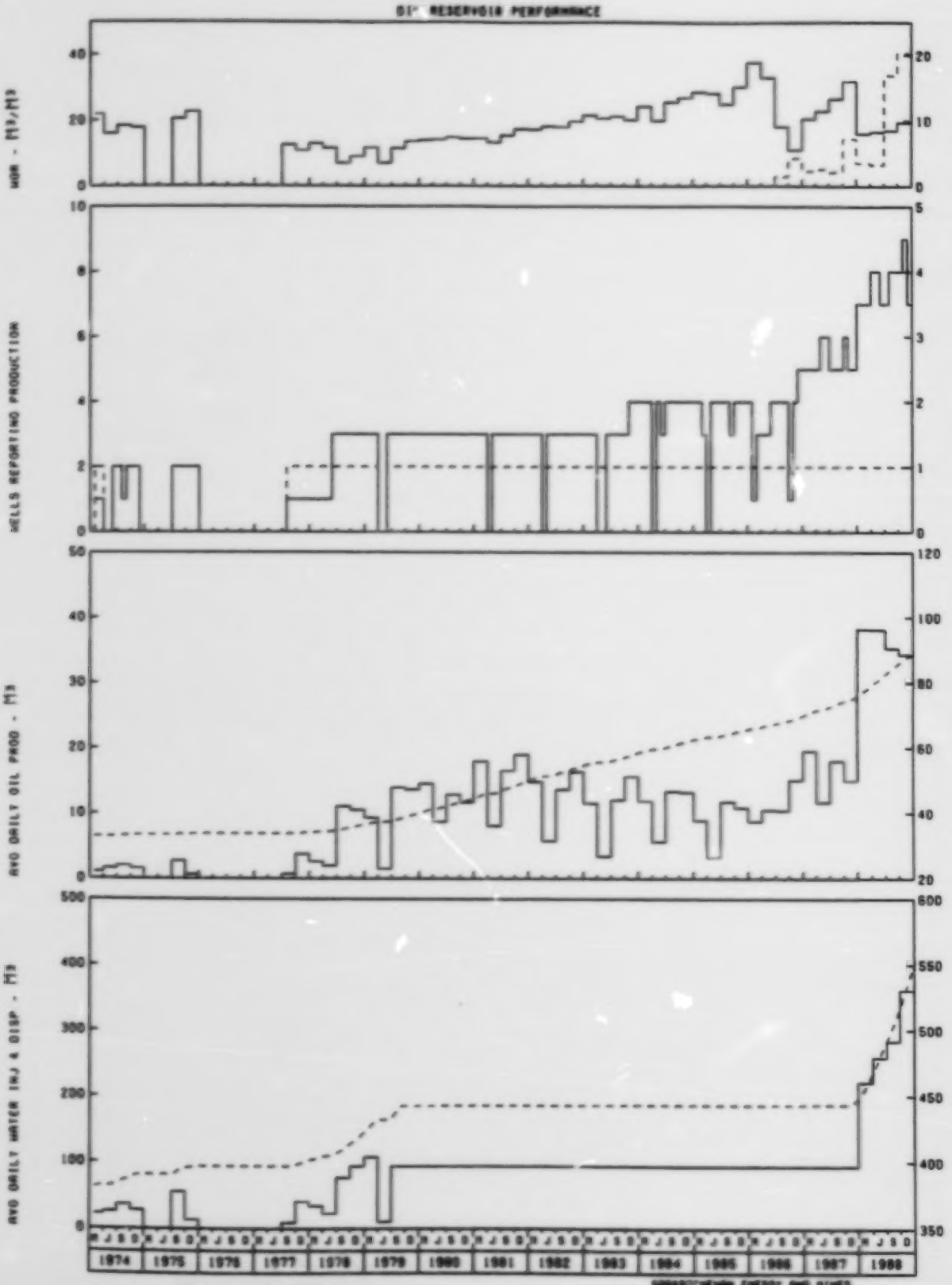


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MOOSE VALLEY TILSTON BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

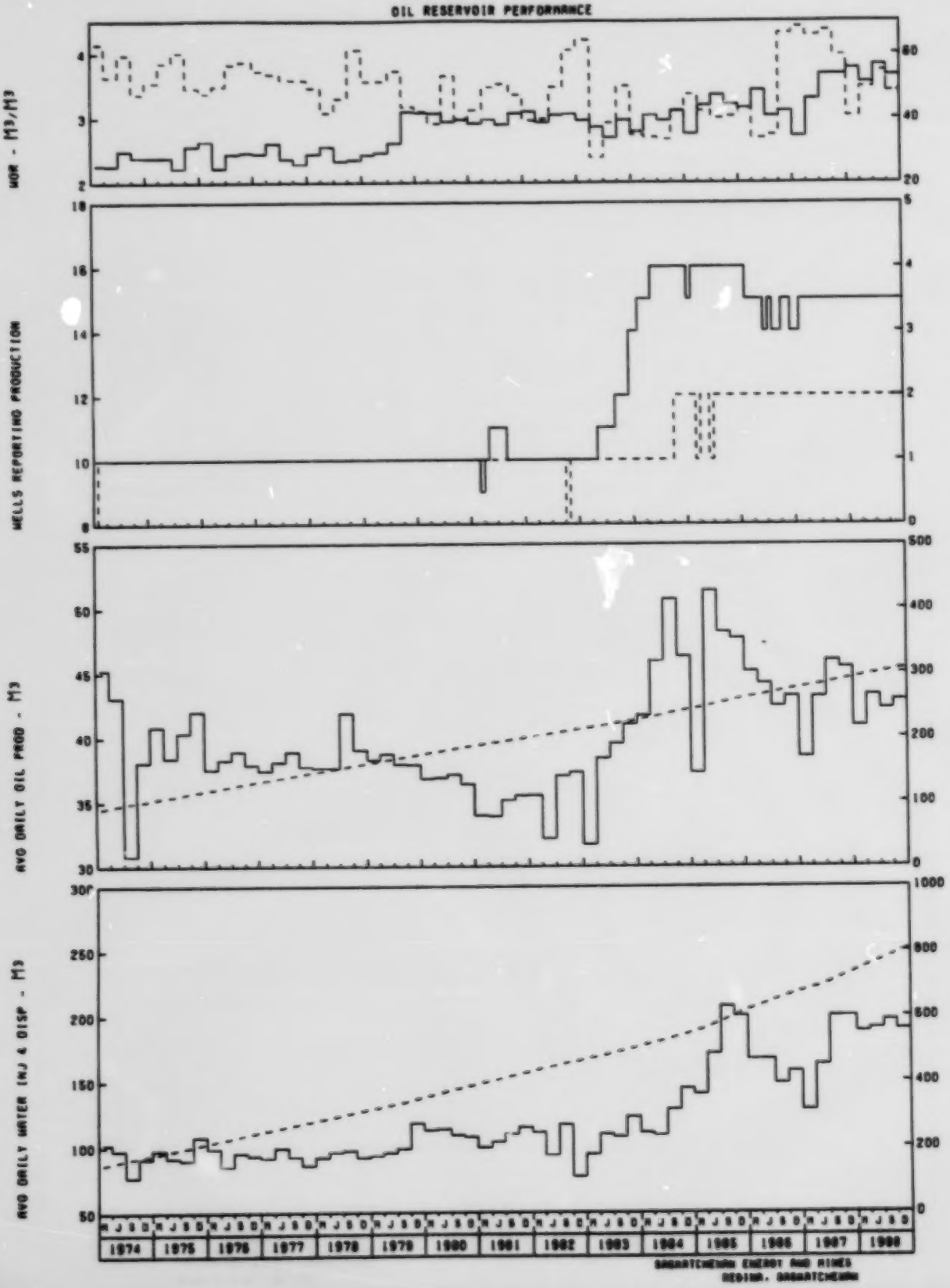


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

NEPTUNE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

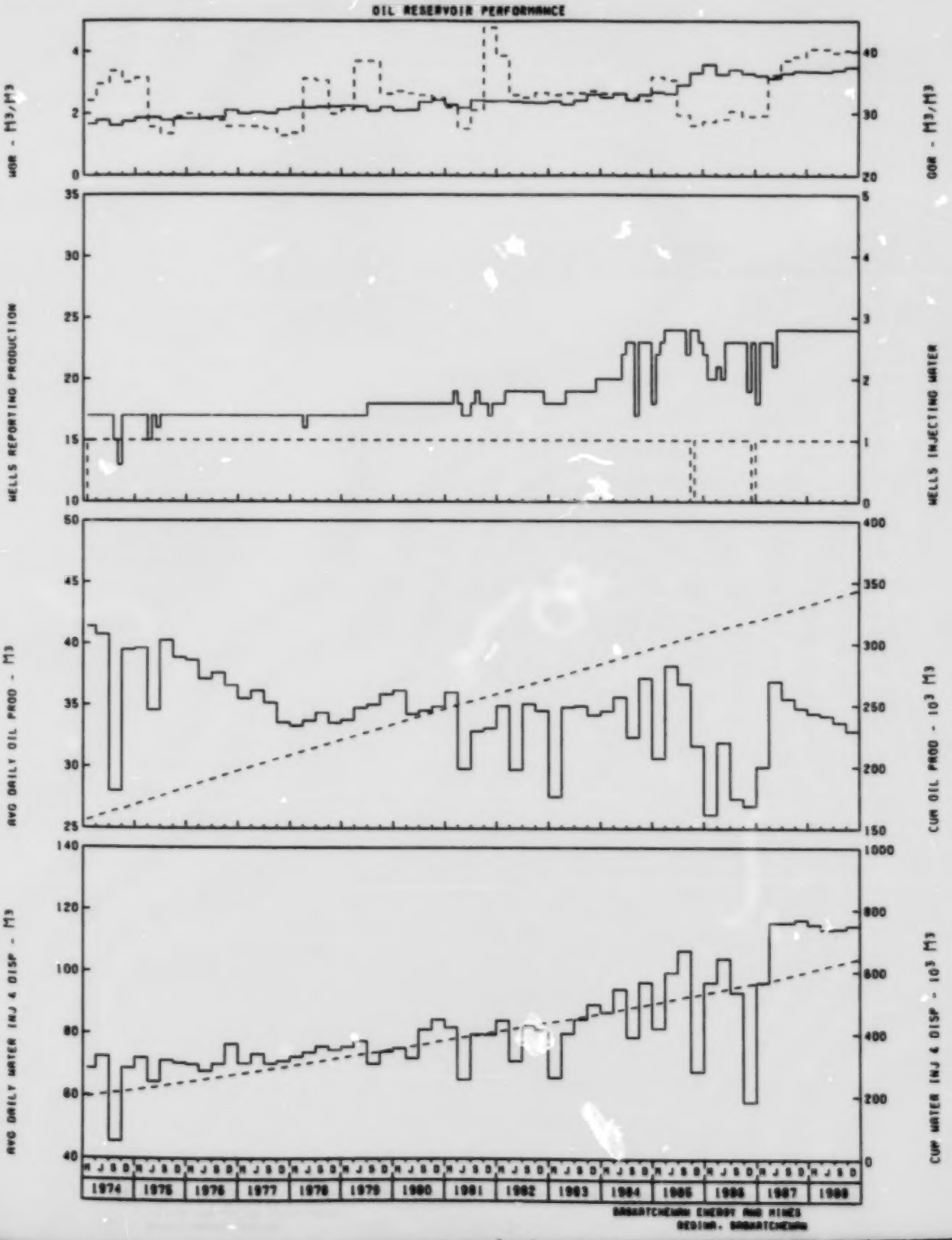


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

NORTH HANDSWORTH ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

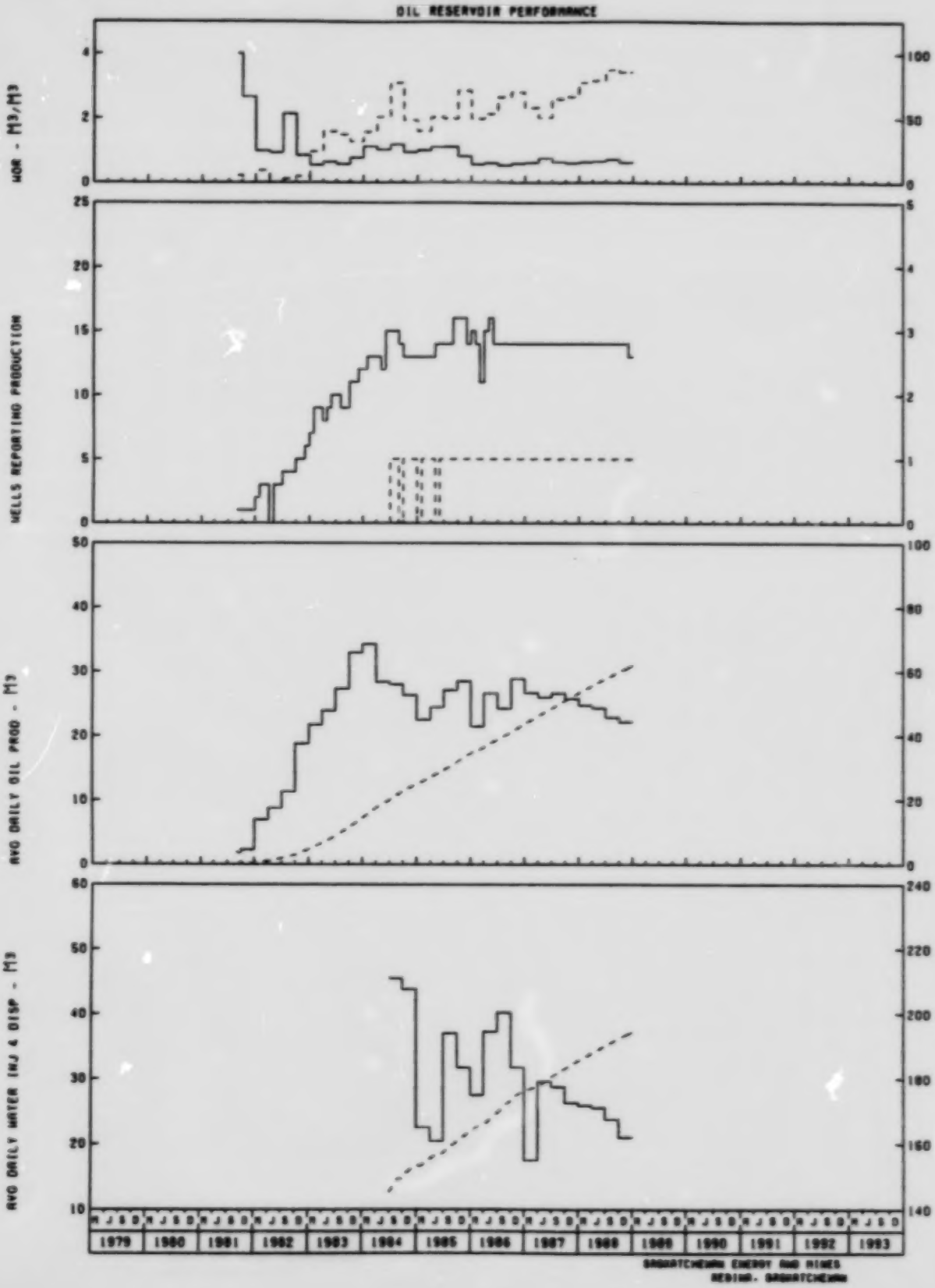


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

OUNGRE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

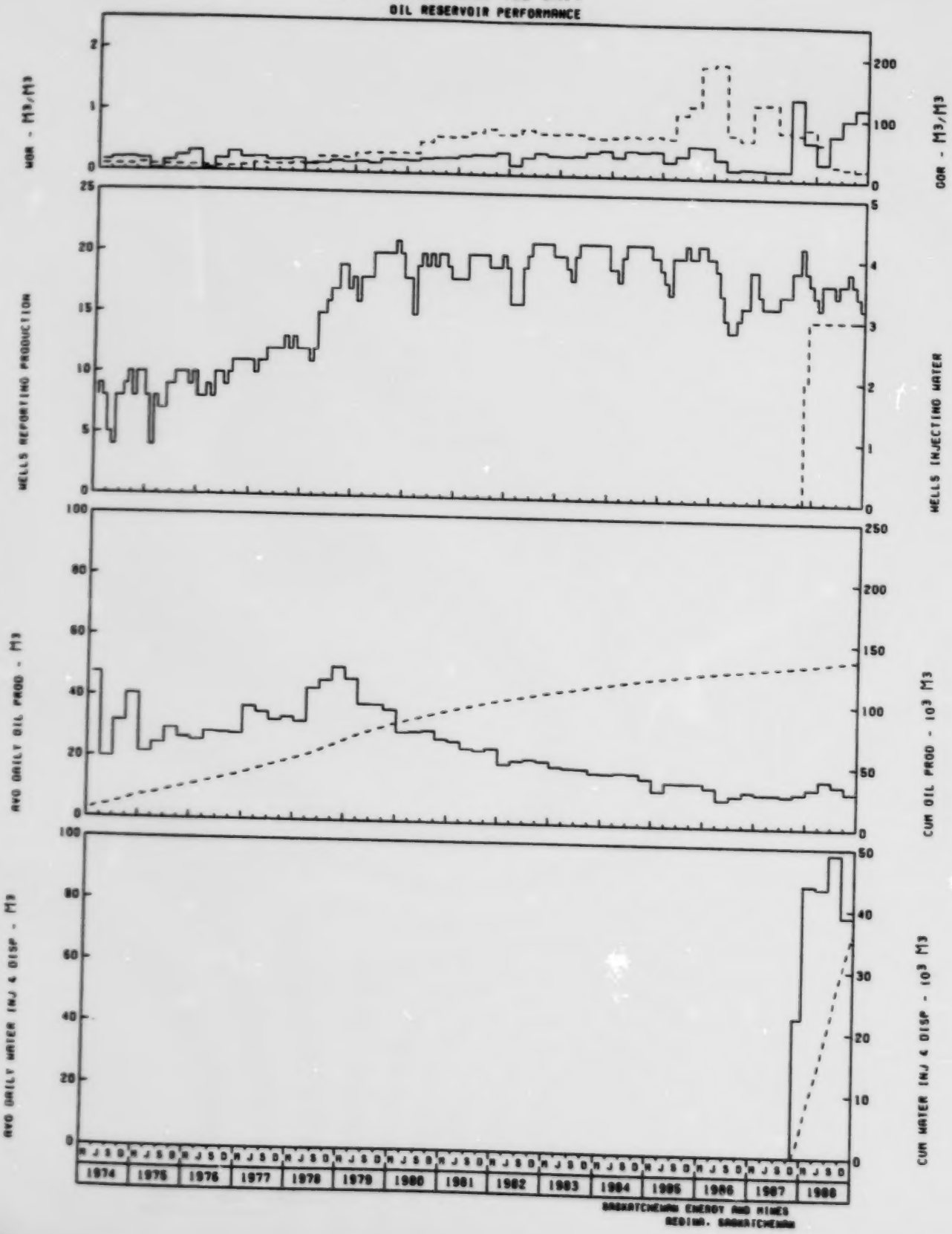


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RALPH MIDALE BEDS POOL

RALPH MIDALE BEDS VOL UNIT

OIL RESERVOIR PERFORMANCE



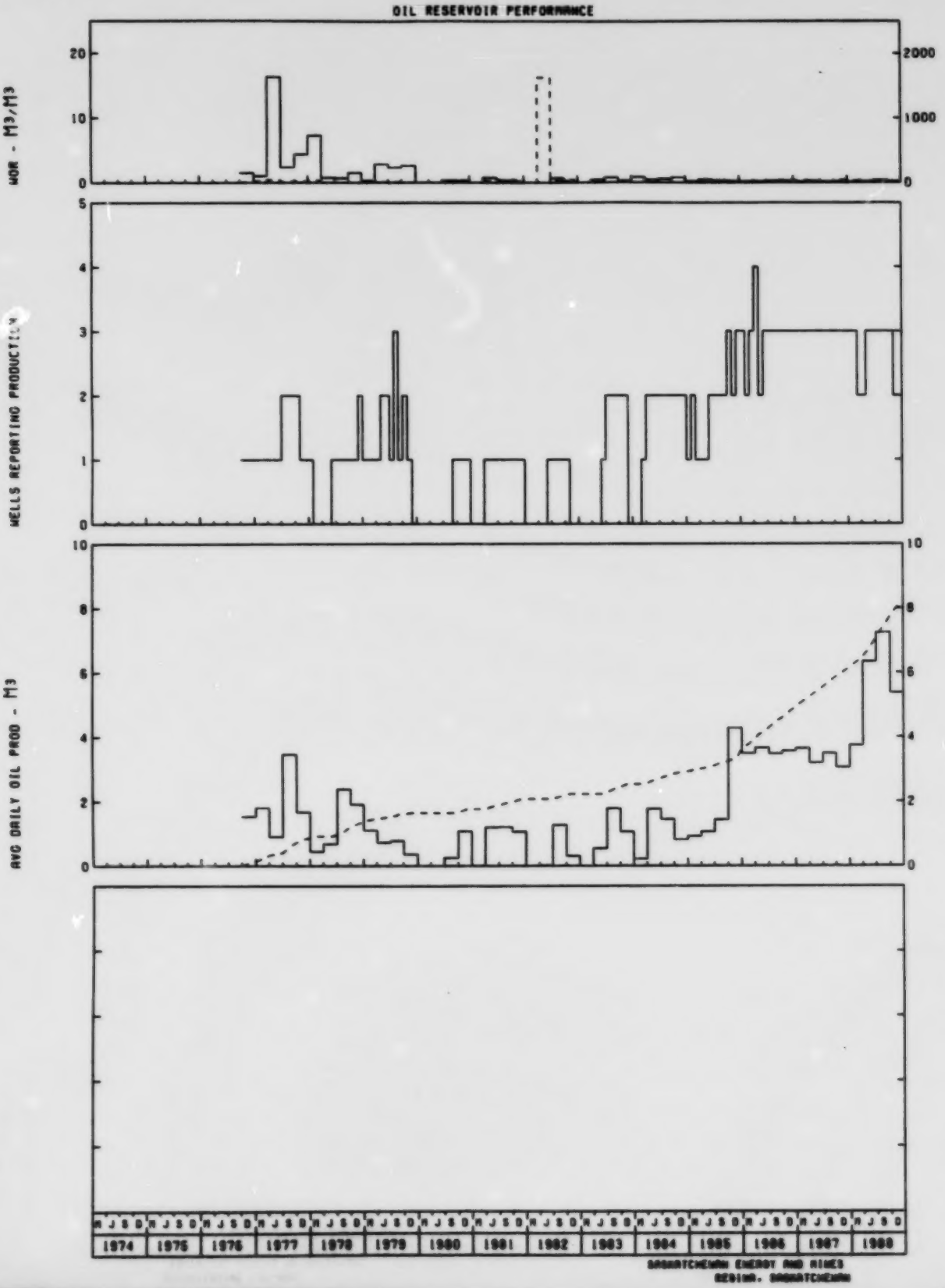
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RALPH MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



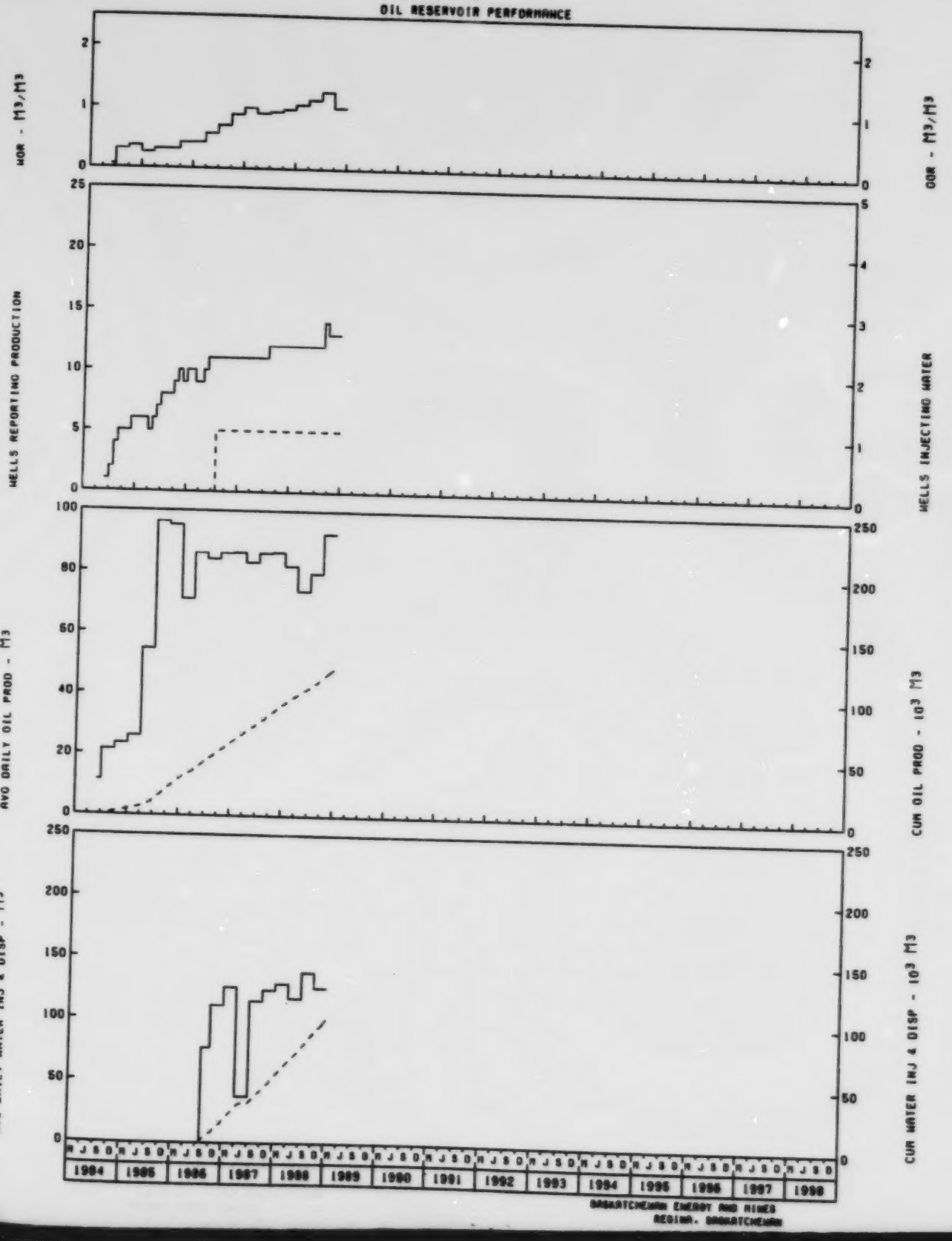
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

RED JACKET SHAUN GRAVELB POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



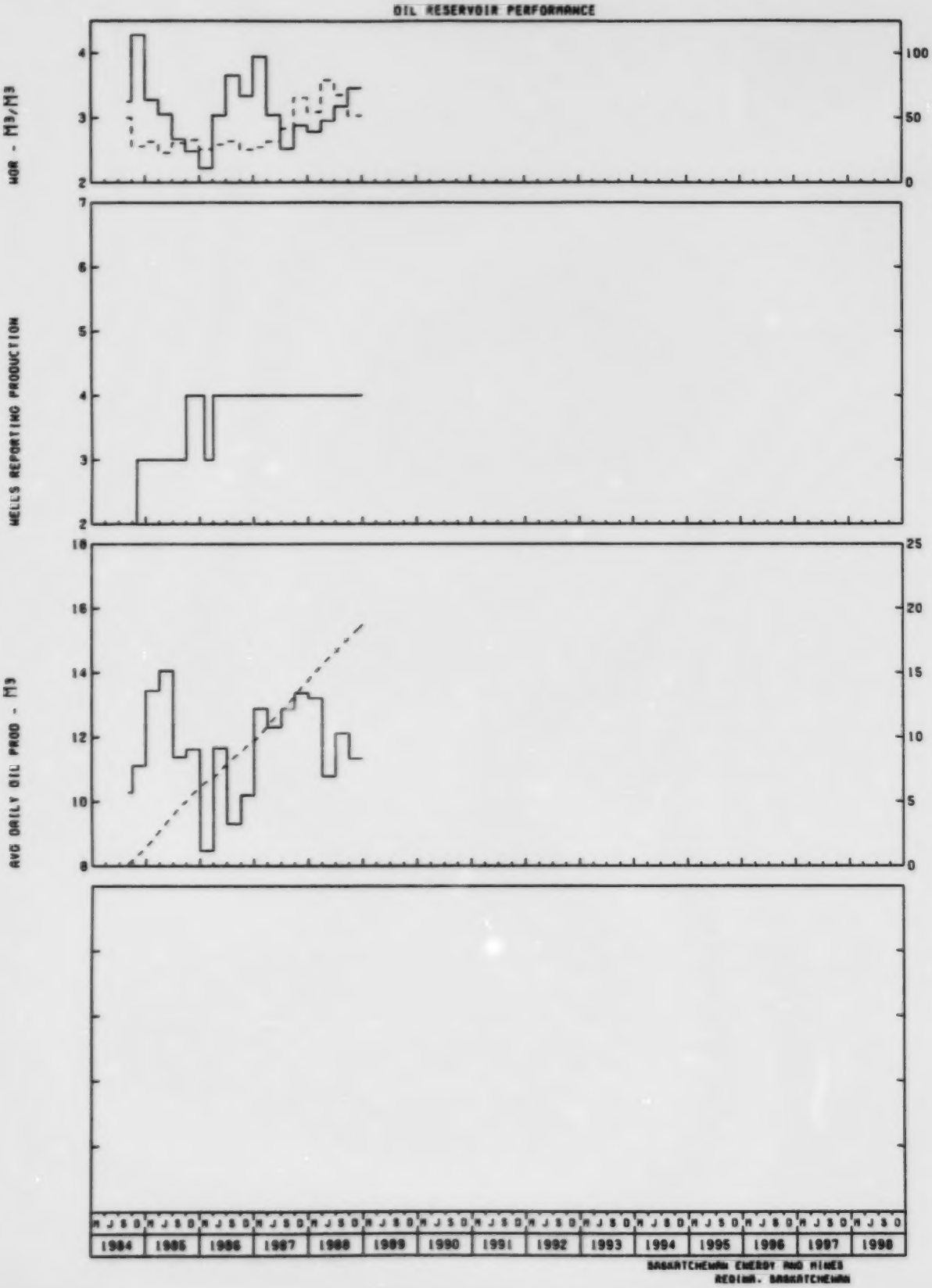
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SKINNER LAKE RATCLIFFE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



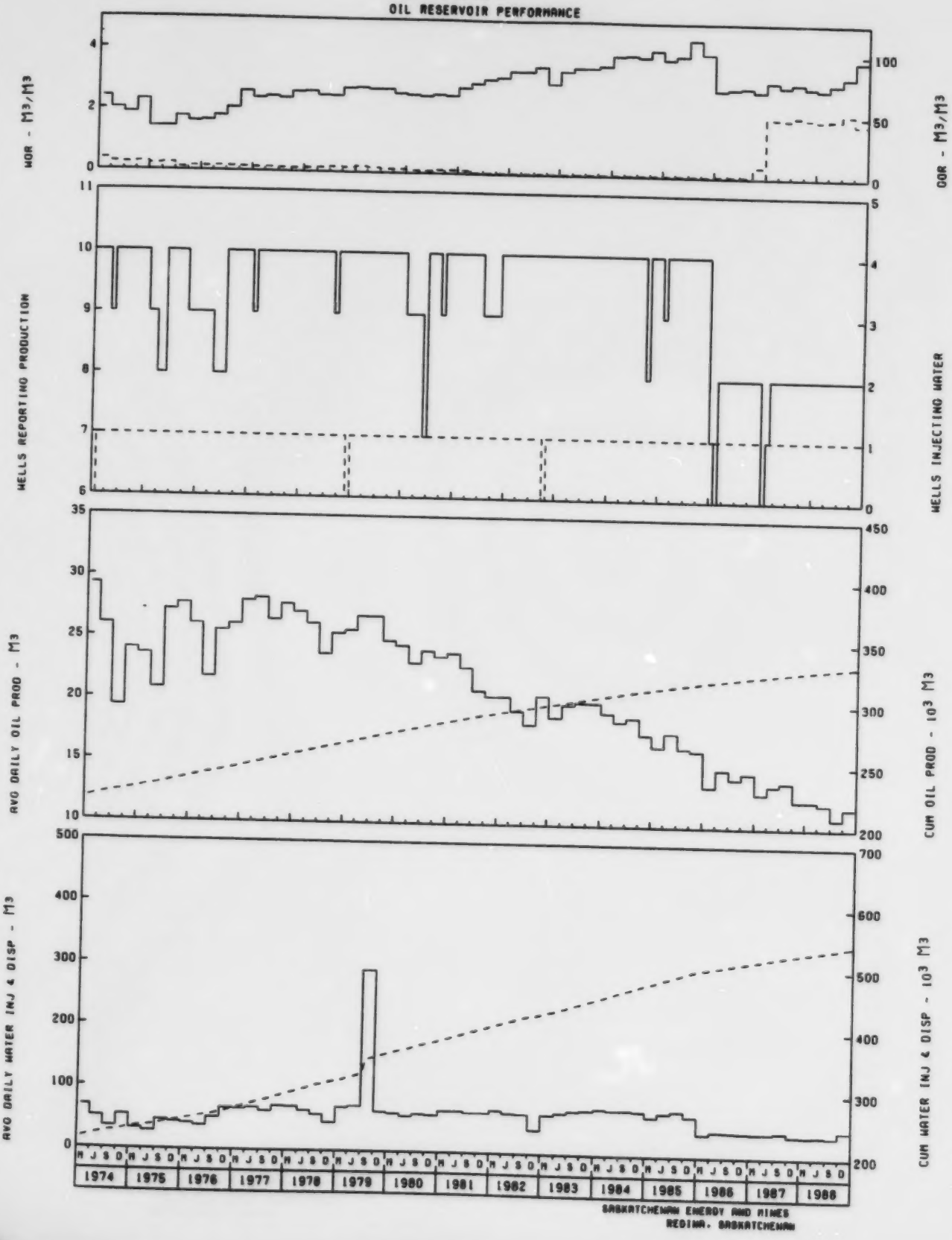
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STOUGHTON FROB ALIDA BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



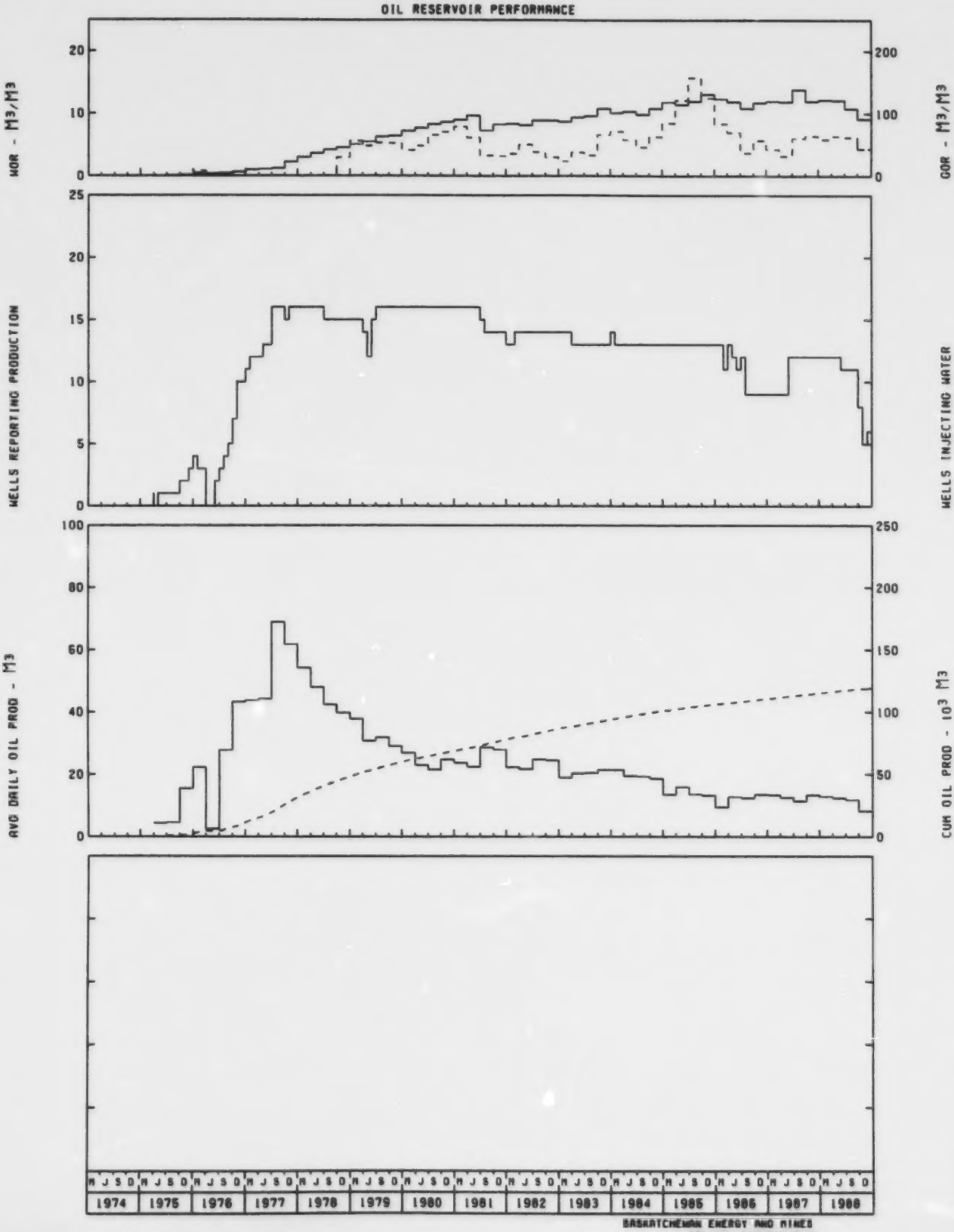
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

STOUGHTON SOUTH FROB BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



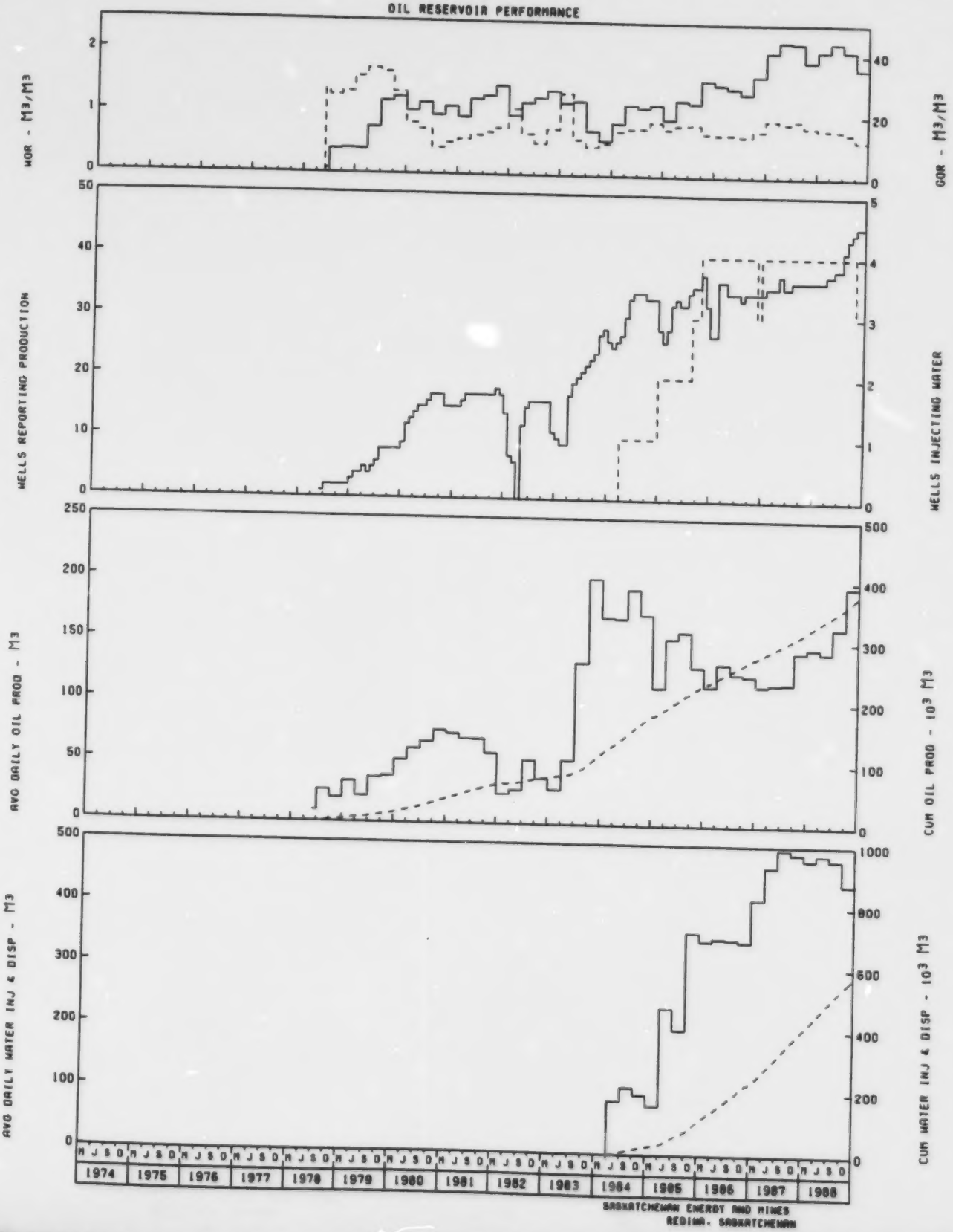
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TATAGWA MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



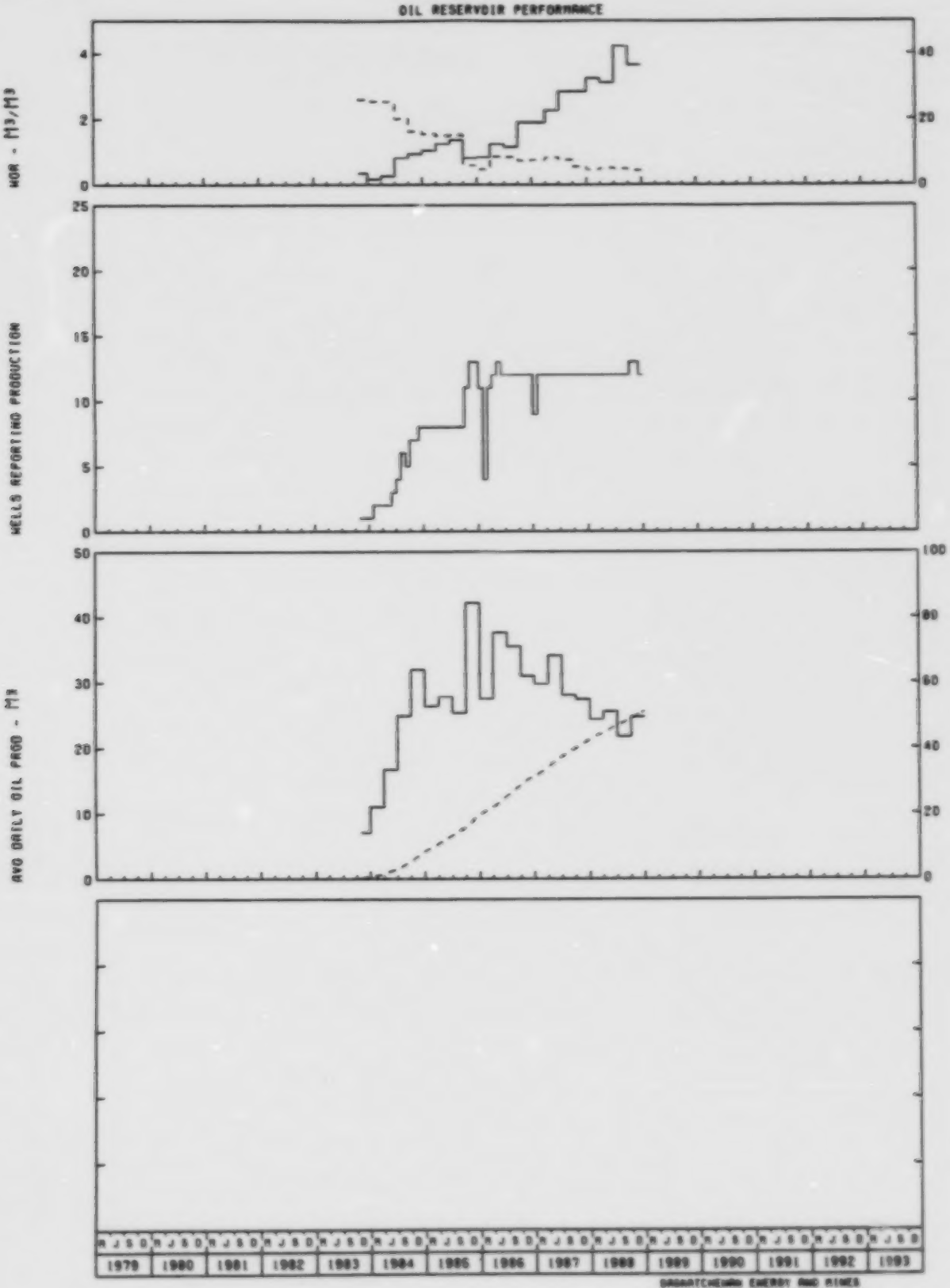
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TATAGWA NORTH MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



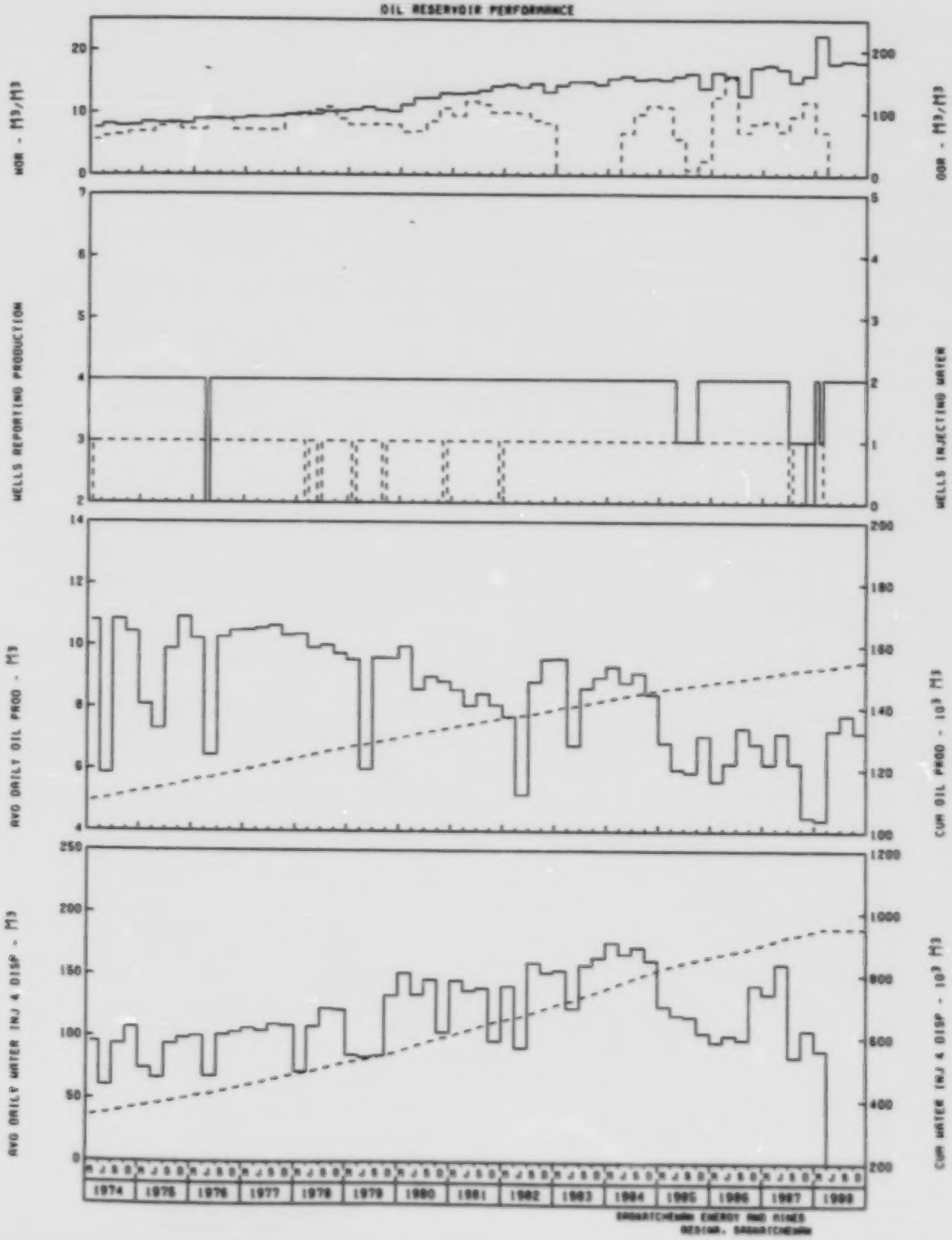
ORDOVICIAN ENERGY AND MINES
REGION, ORDOVICIAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

VIEW HILL MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

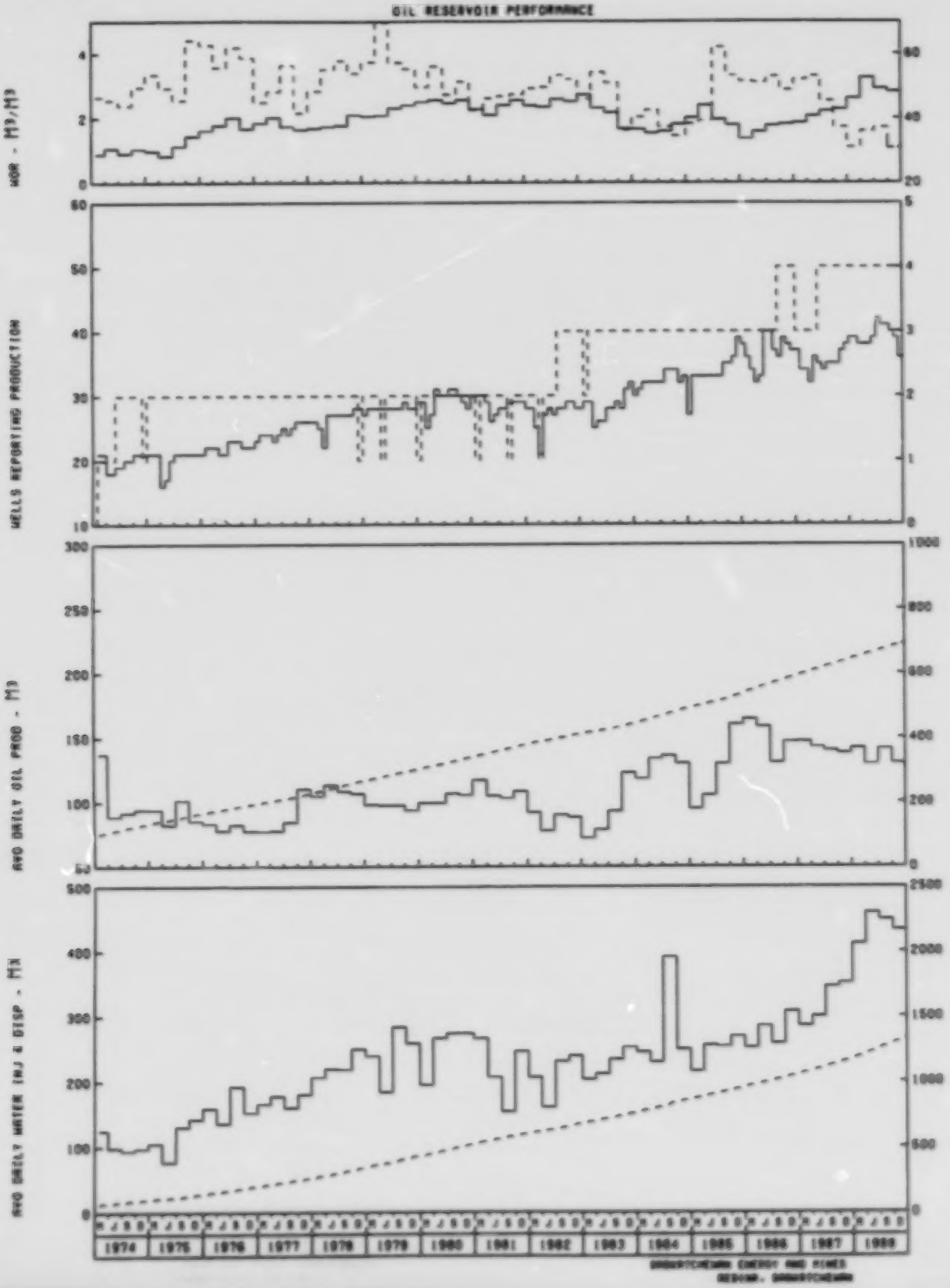


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

VIEWFIELD FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

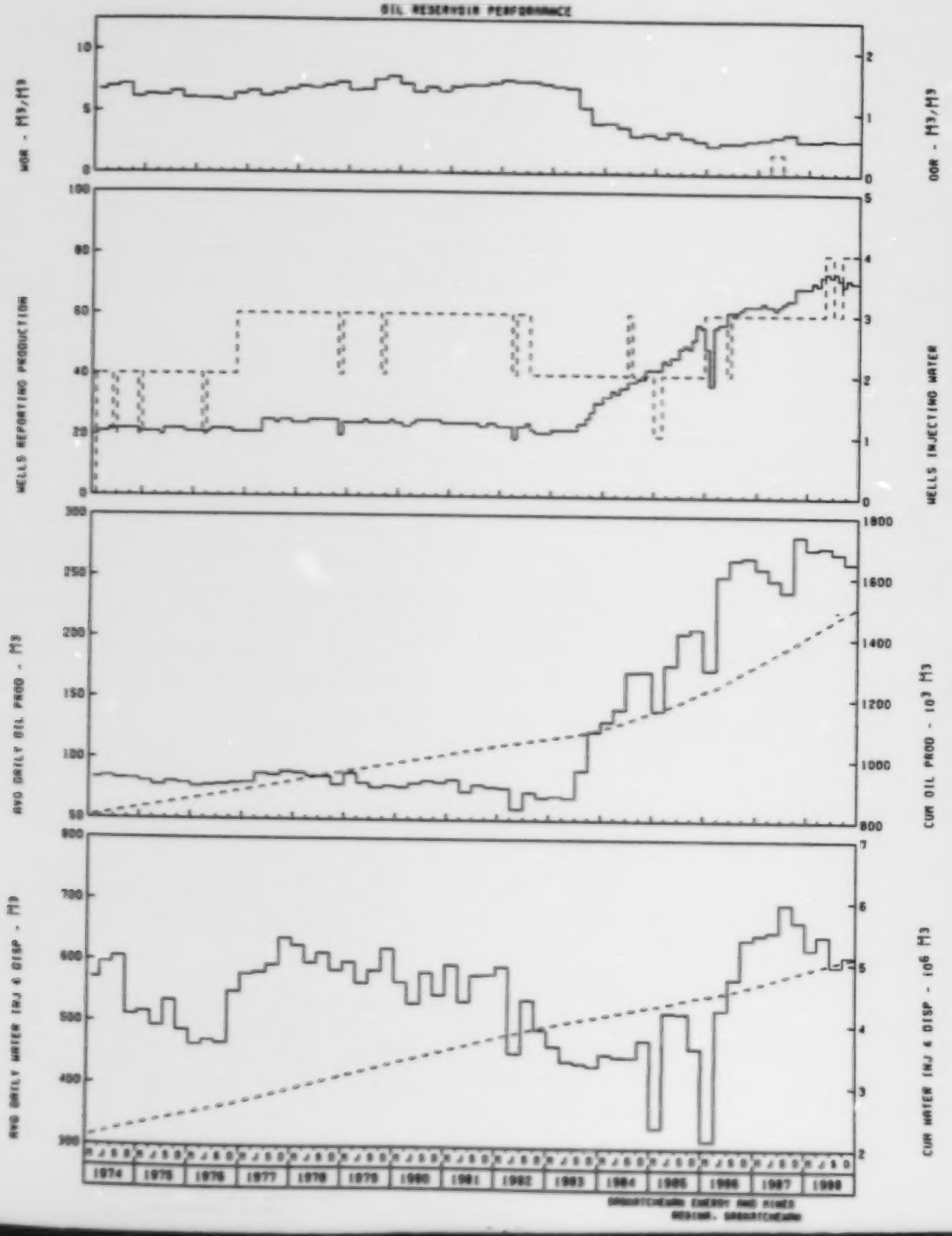


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WAPELLA SAND POOL

NON-UNITS

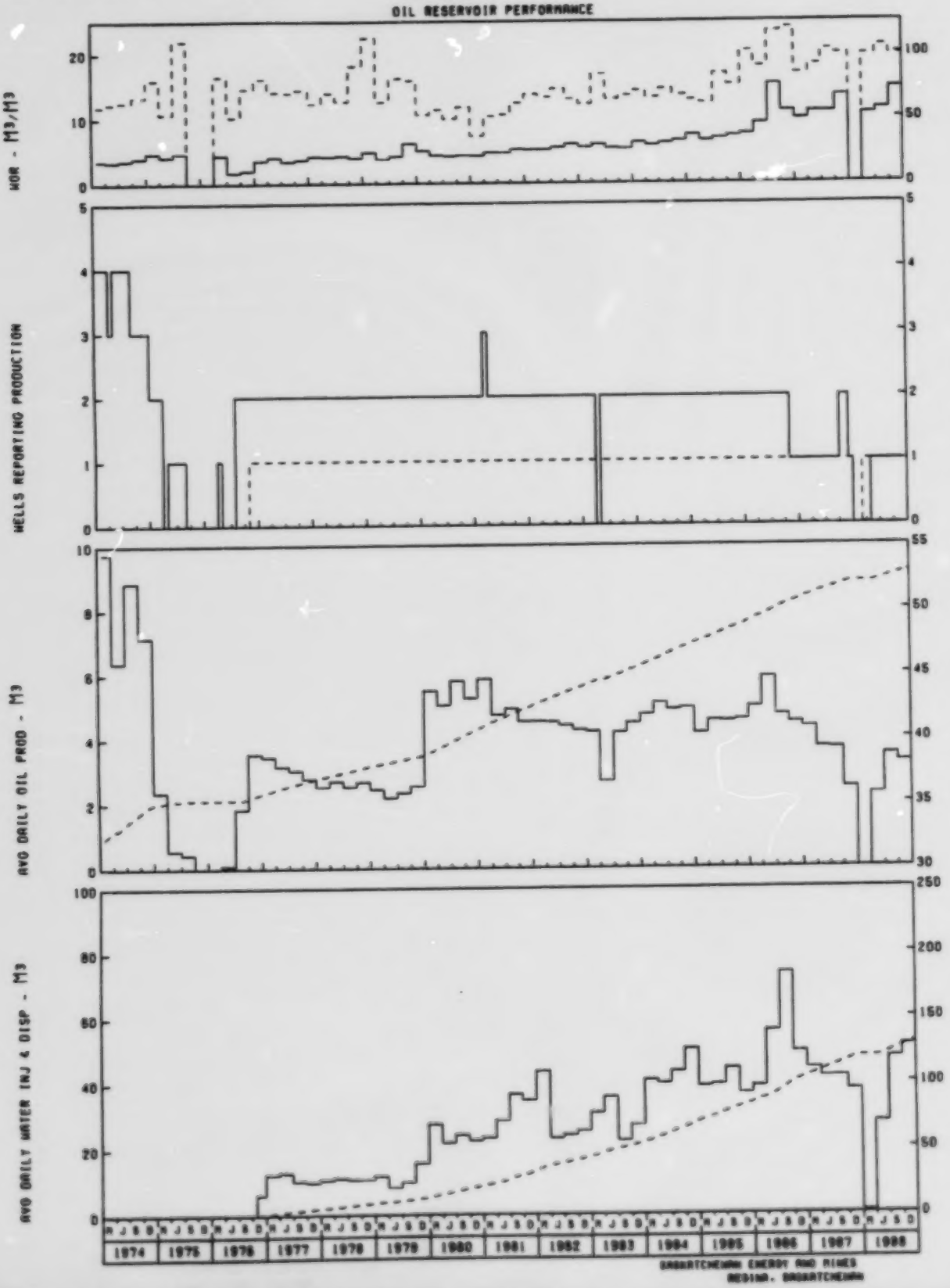
OIL RESERVOIR PERFORMANCE



WEIR HILL FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



LEGEND:
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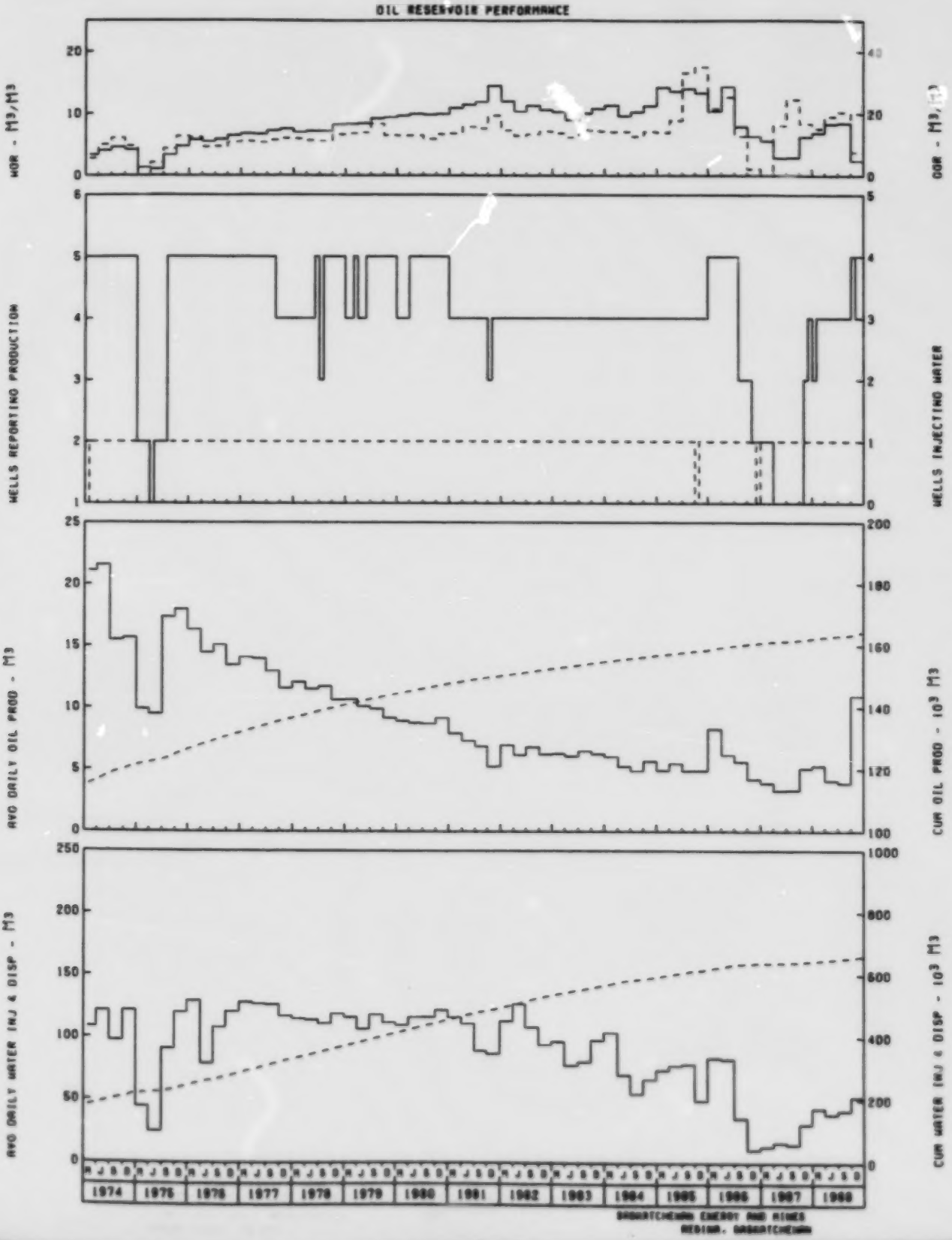
RIGHT HAND SCALES - - -

WEST INNES FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



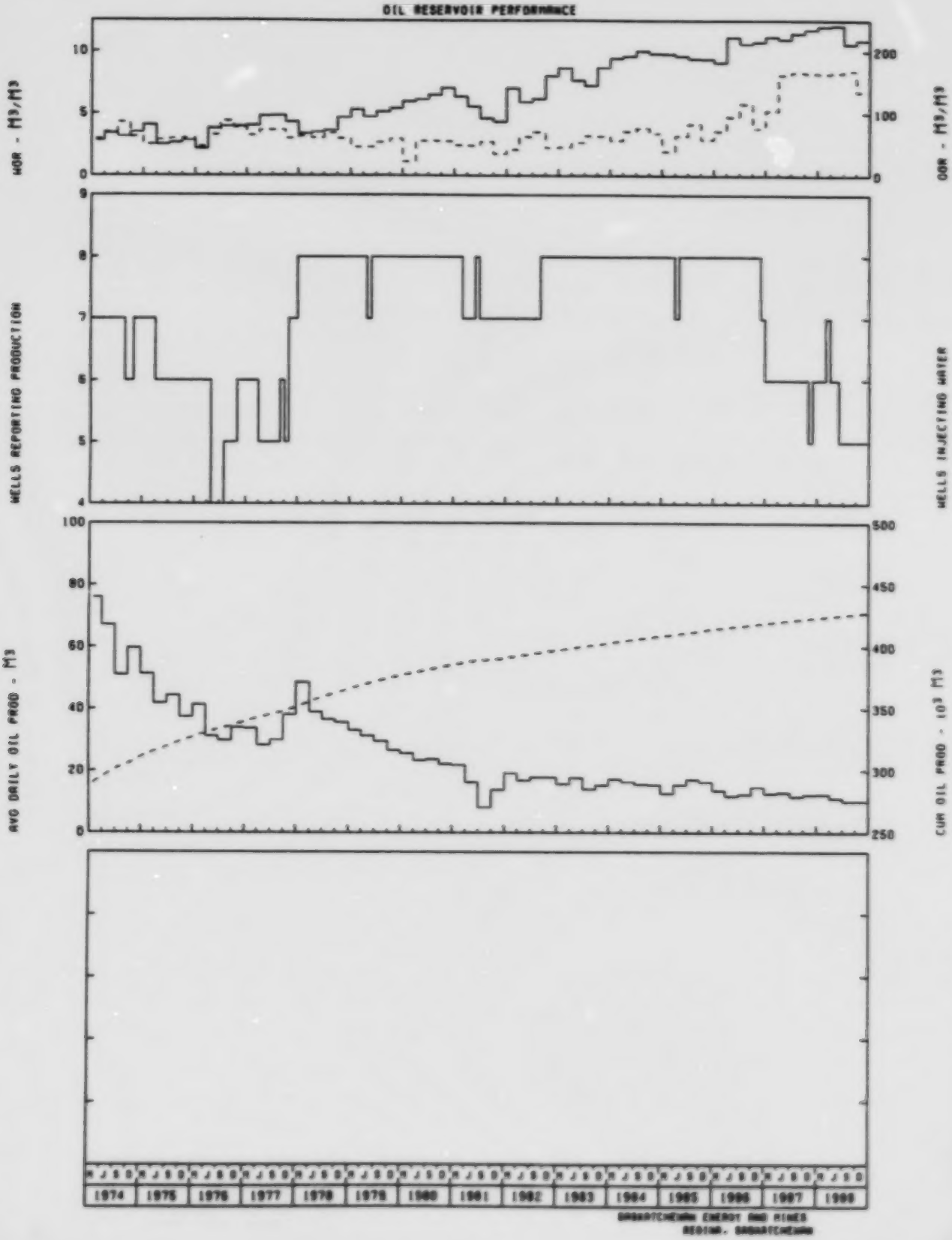
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEST KINGSFORD MIDALE BEDS POOL

CULLEN UNIT

OIL RESERVOIR PERFORMANCE



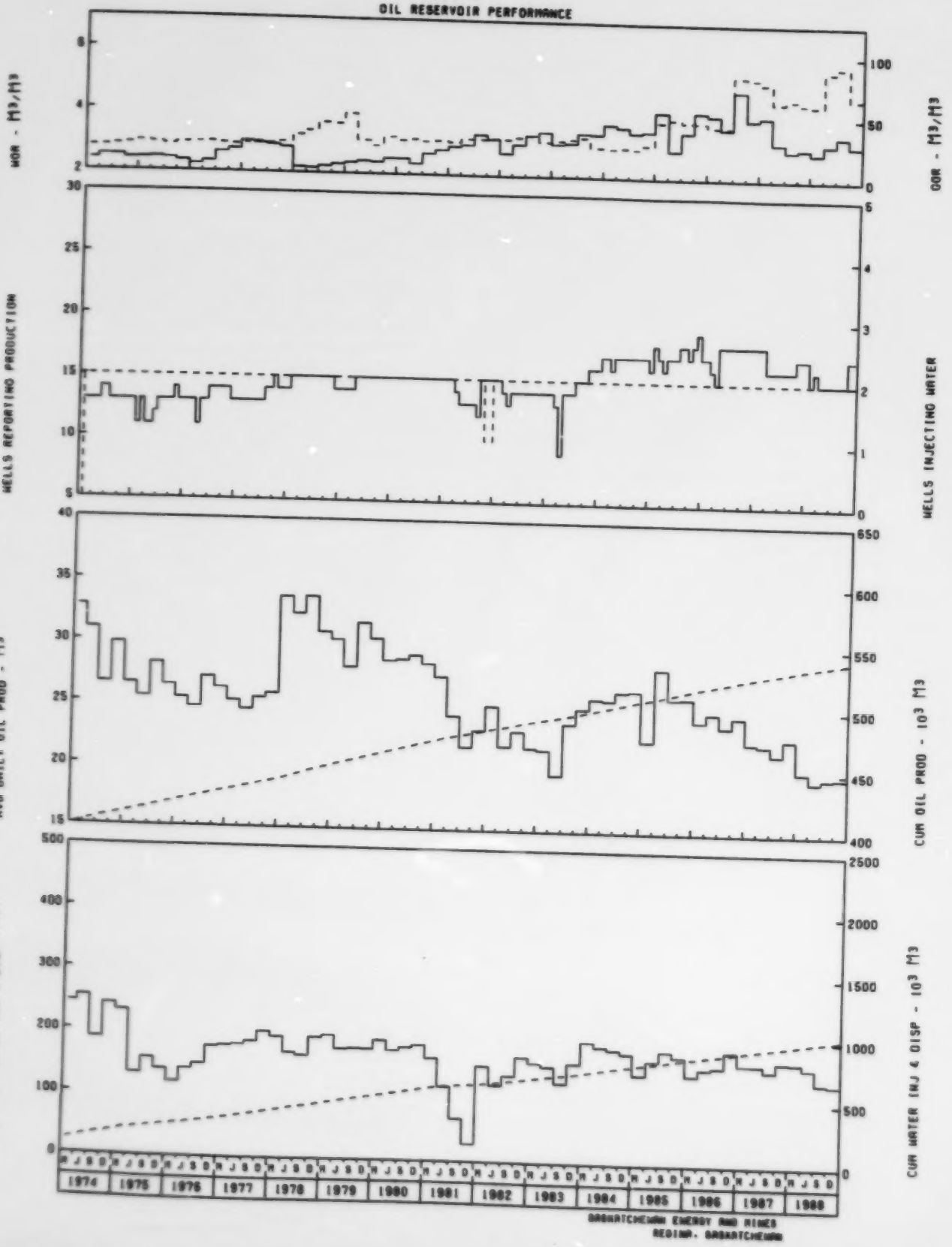
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEST KINGSFORD MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



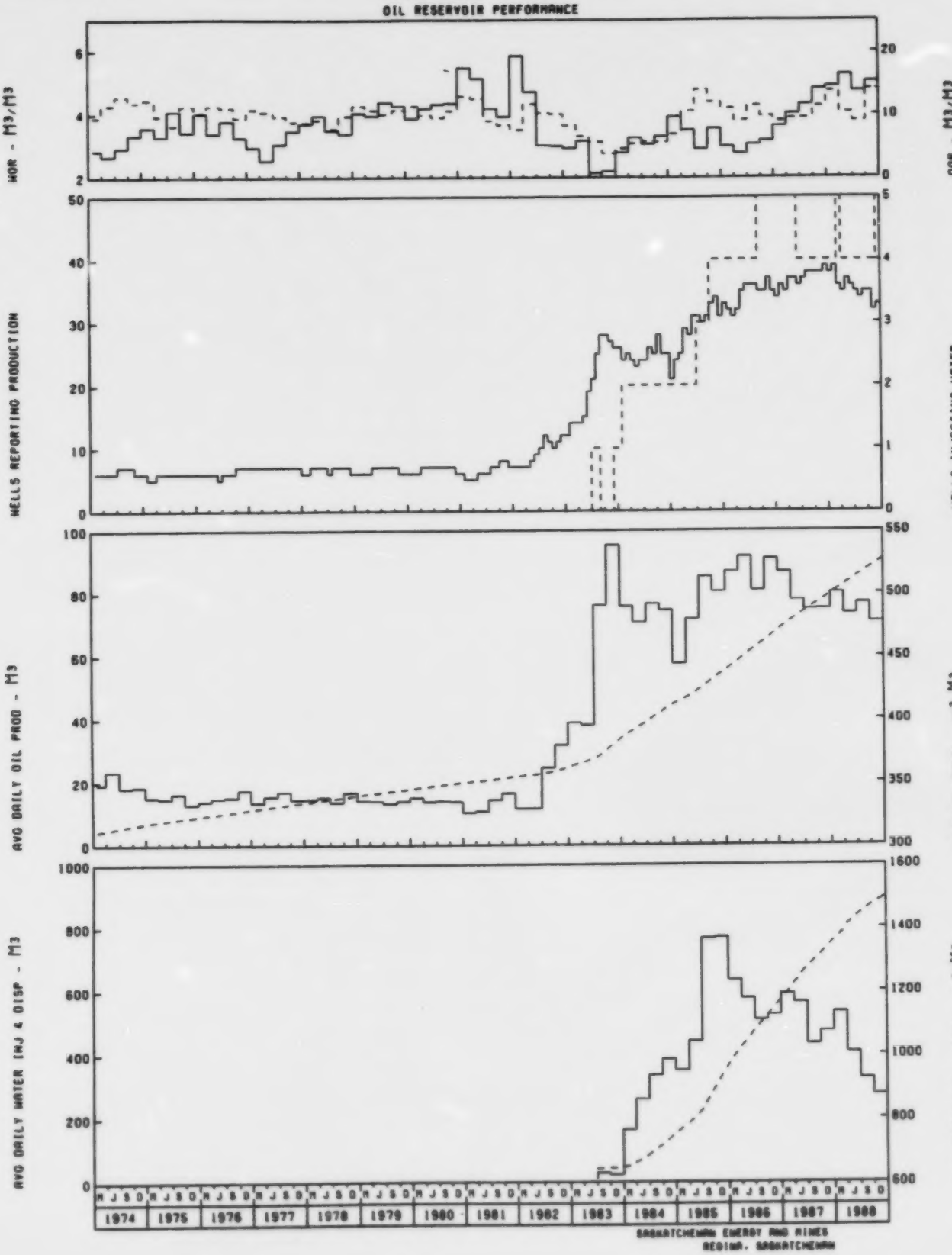
ERCHATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN FROBISHER BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE



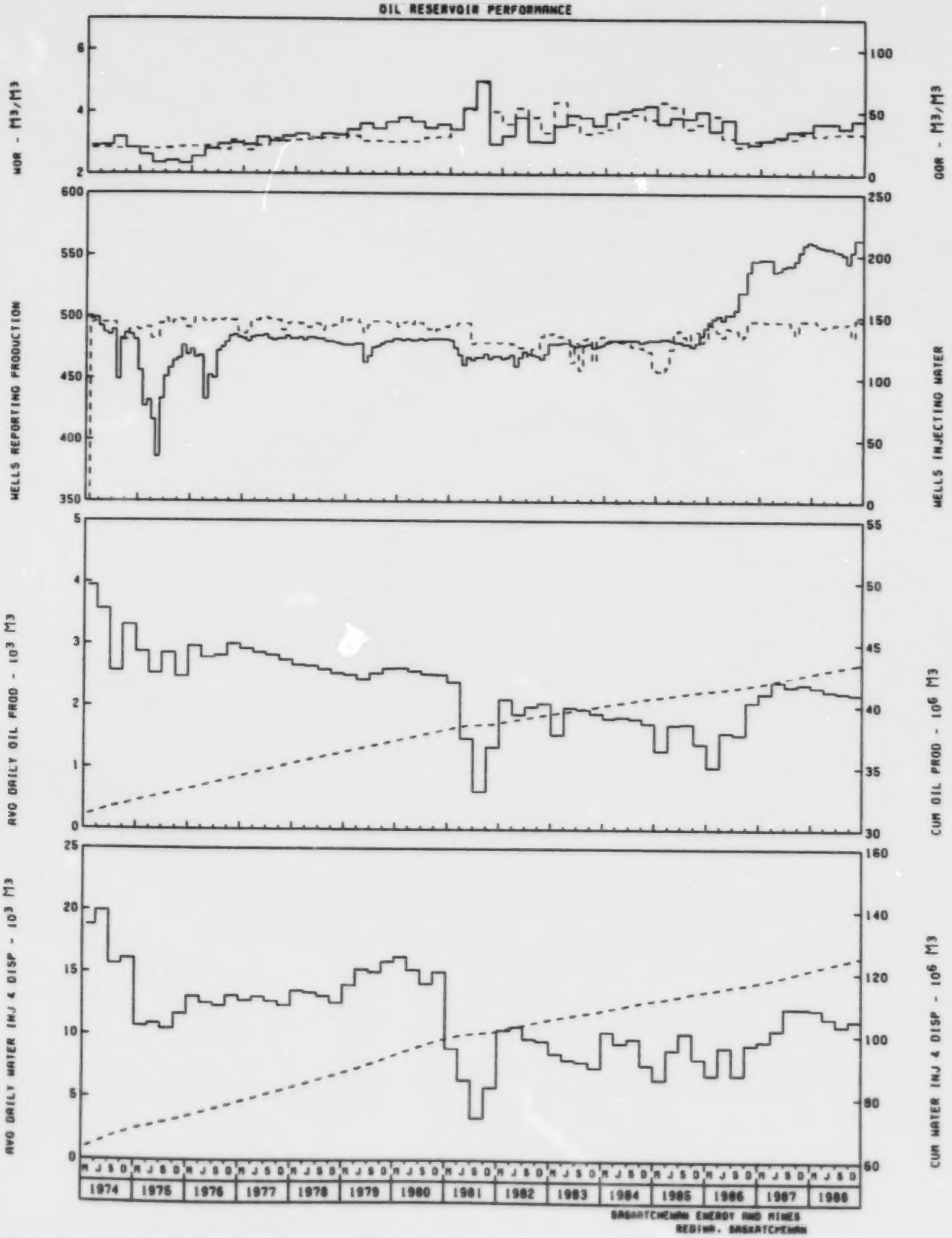
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN UNIT

OIL RESERVOIR PERFORMANCE



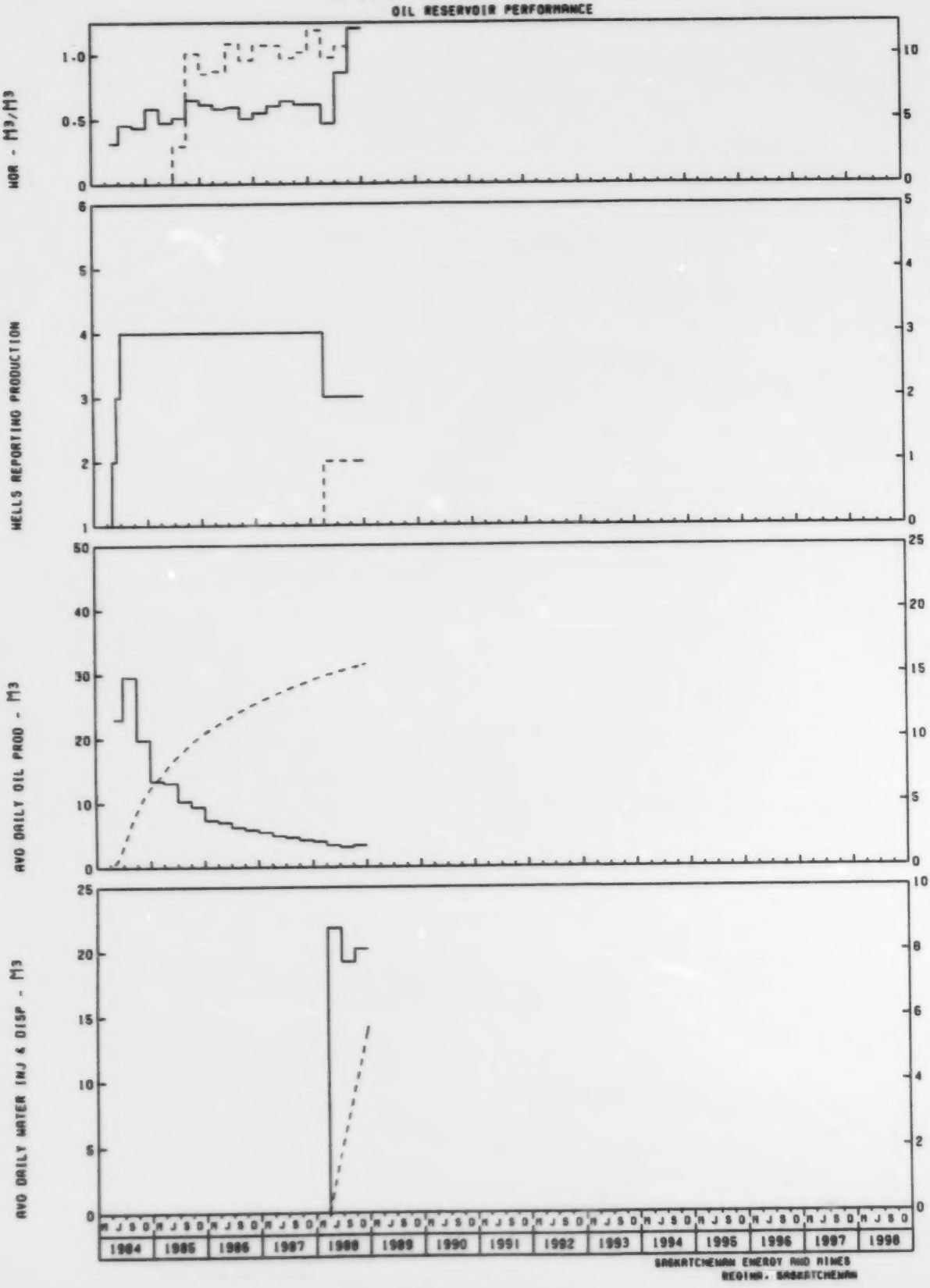
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN MID BEDS VOL U 2

OIL RESERVOIR PERFORMANCE



ODR - M3/M3

WELLS INJECTING WATER

CUM OIL PROD - 10^3 M3

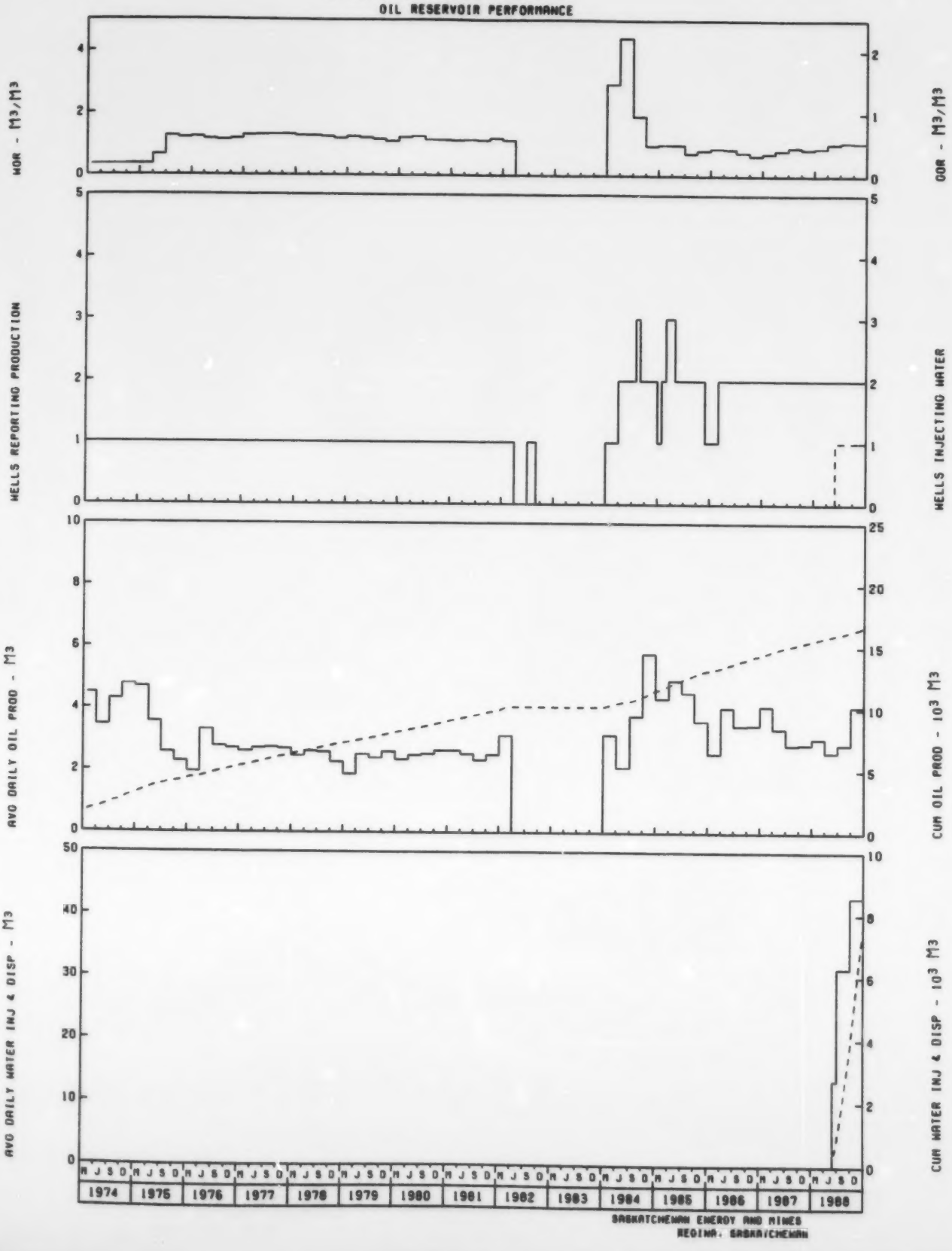
CUM WATER INJ & DISP - 10^3 M3

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN MID BEDS VOL U 3

OIL RESERVOIR PERFORMANCE



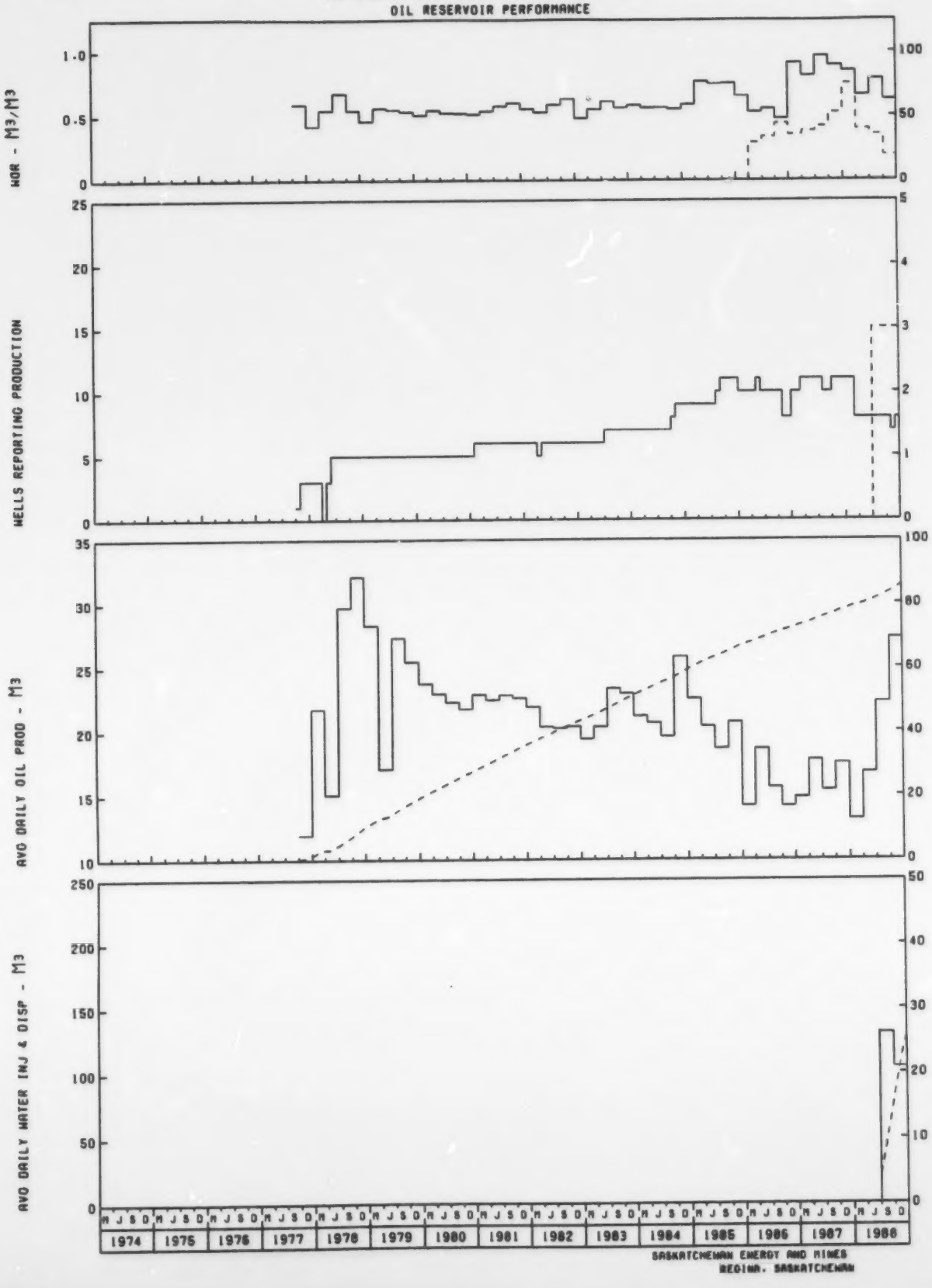
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN MID BEDS VOL U 5

OIL RESERVOIR PERFORMANCE



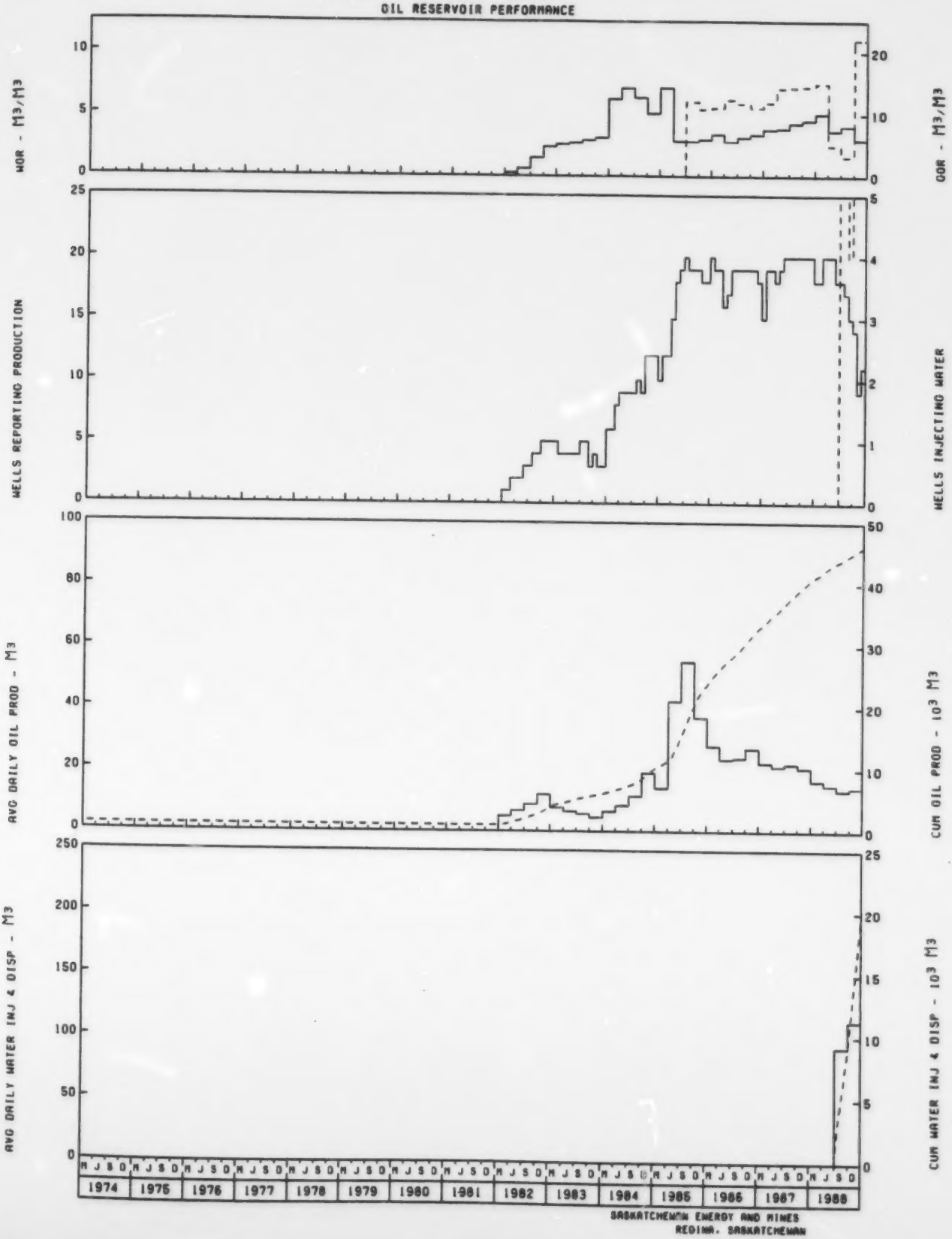
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN MID BEDS VOL U 4

OIL RESERVOIR PERFORMANCE



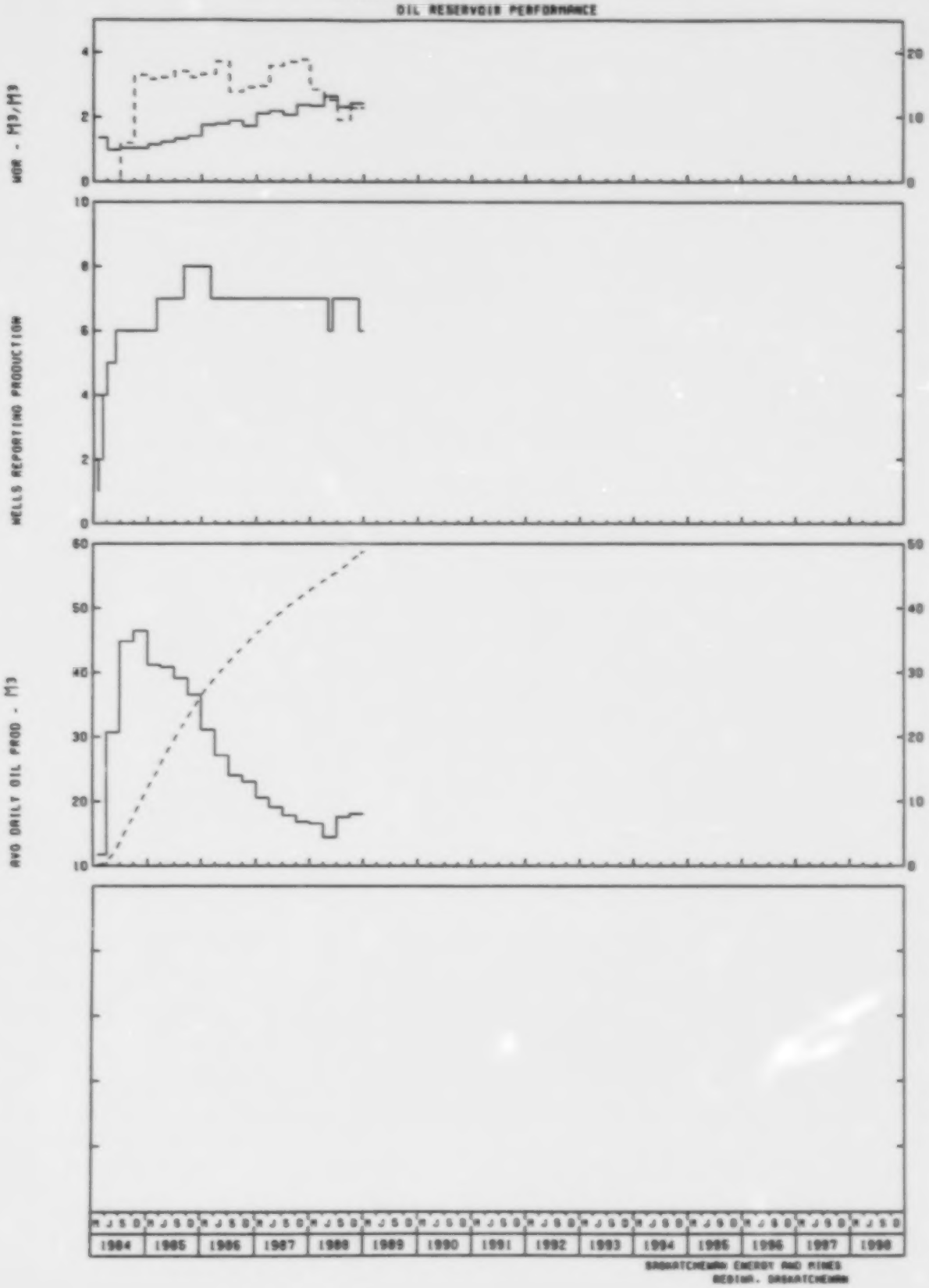
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN MID BEDS VOL U 6

OIL RESERVOIR PERFORMANCE



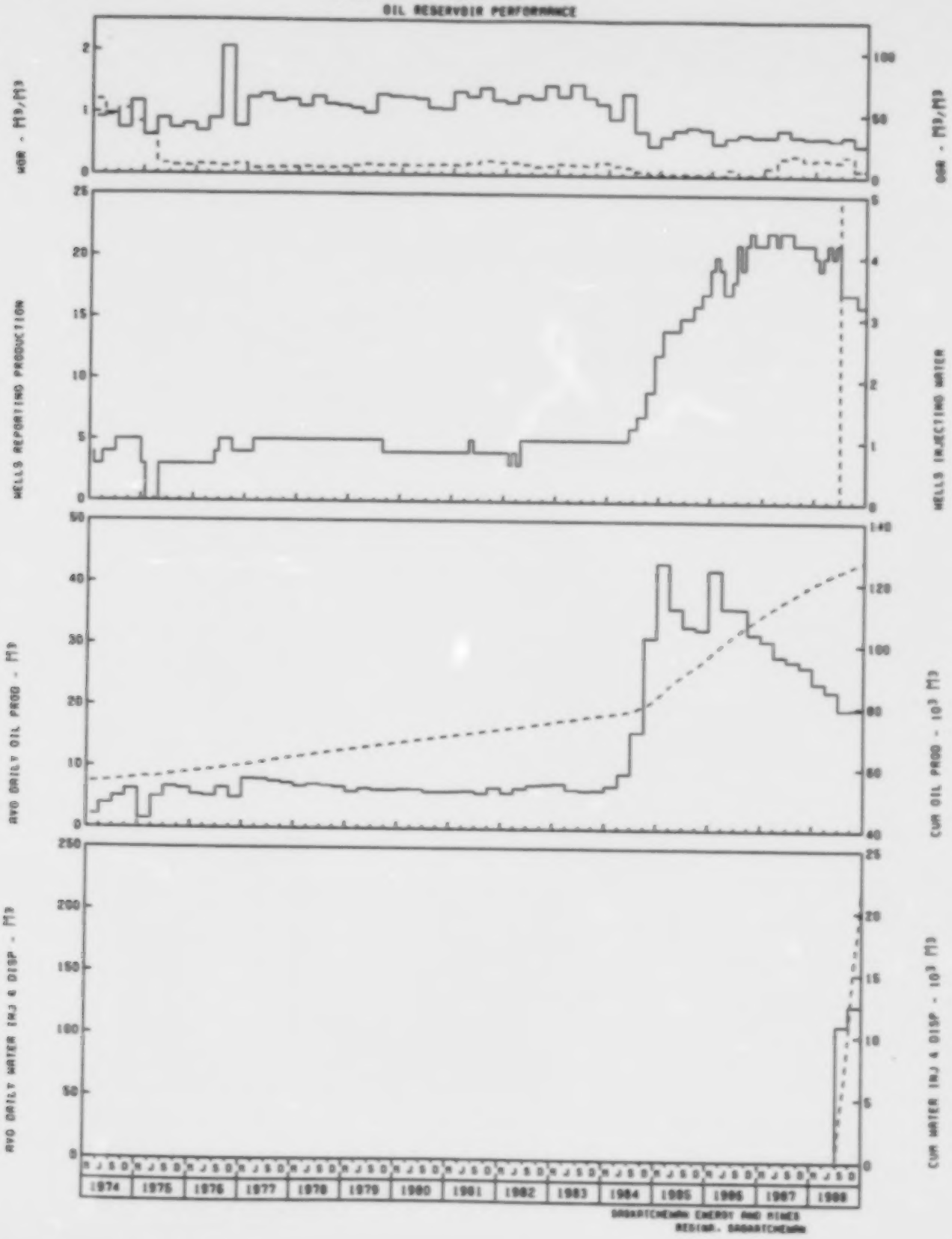
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WEYBURN MIDALE BEDS POOL

WEYBURN MID BEDS VOL U 7

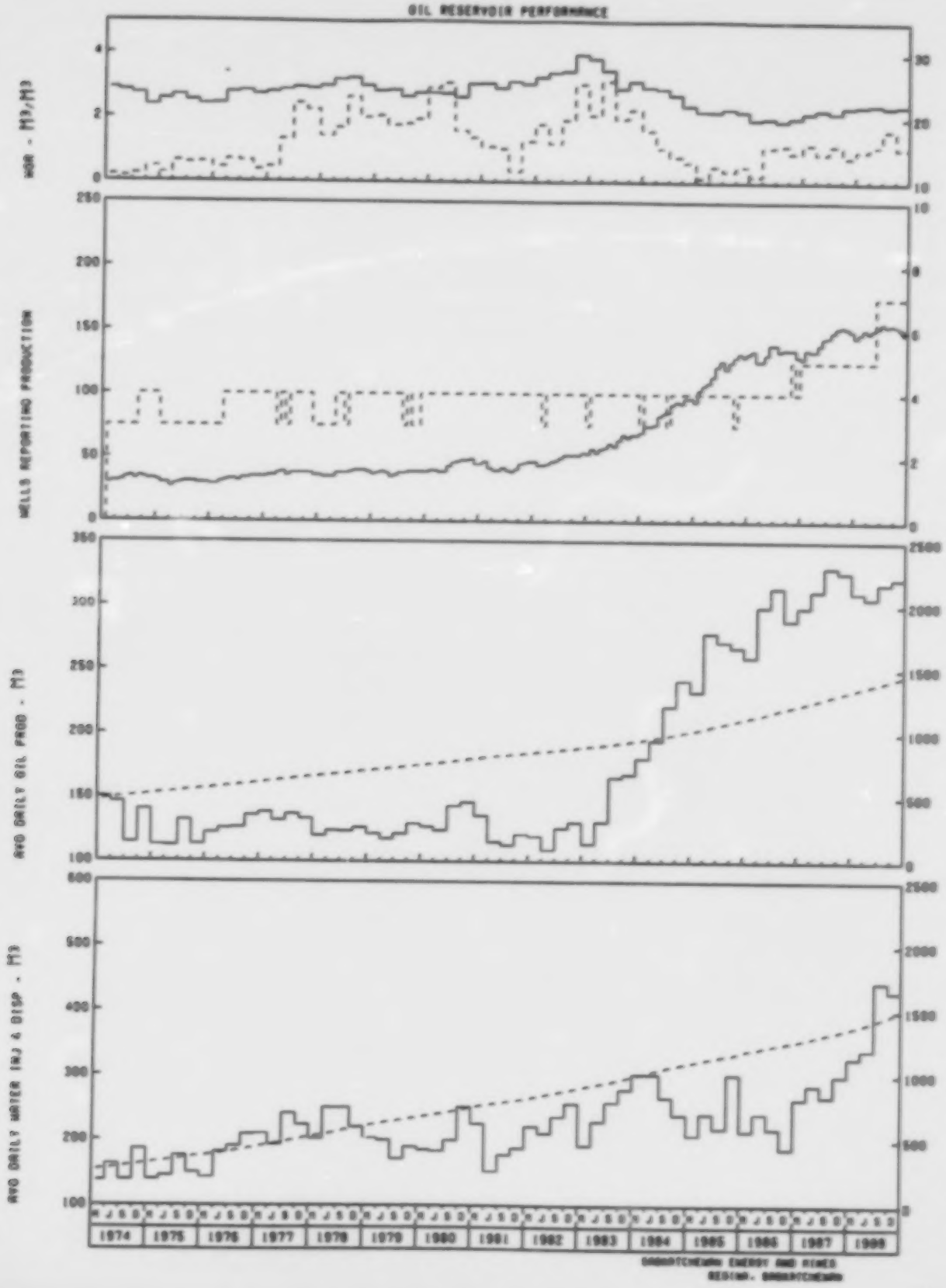
OIL RESERVOIR PERFORMANCE



WEYBURN MIDALE BEDS POOL

NON-UNITS

OIL RESERVOIR PERFORMANCE

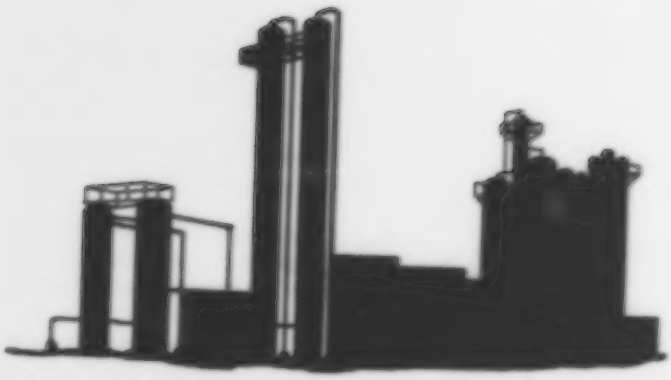


Gas

Reservoir

Performance

Charts



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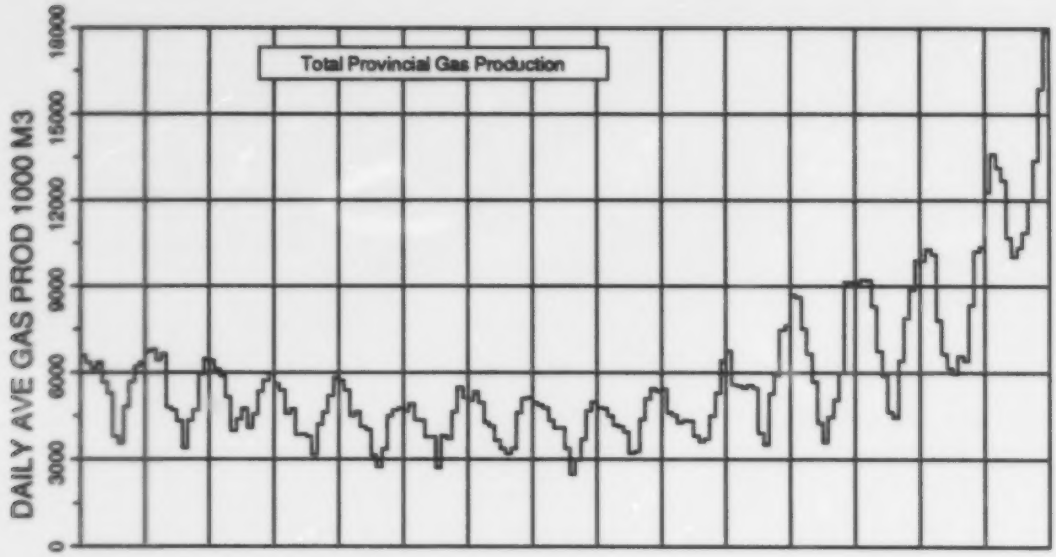
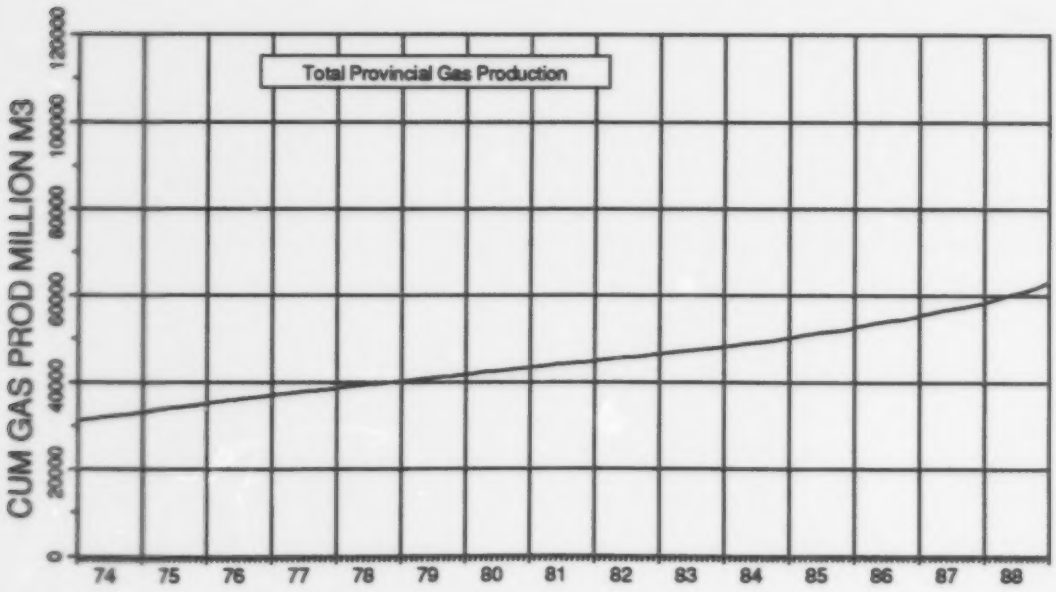
Daily Average and Cumulative Gas Production



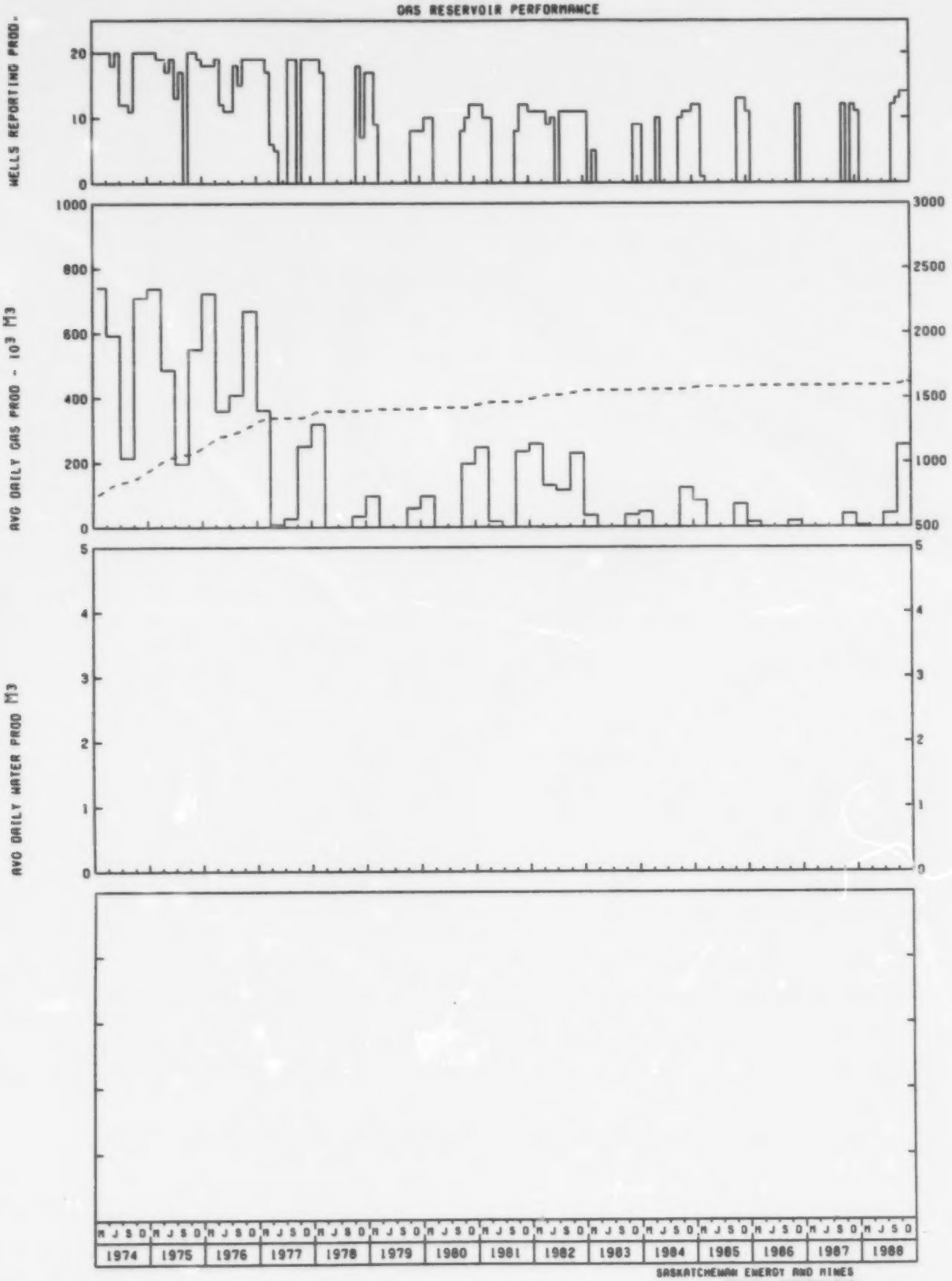


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEACON HILL MANNVILLE SD GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



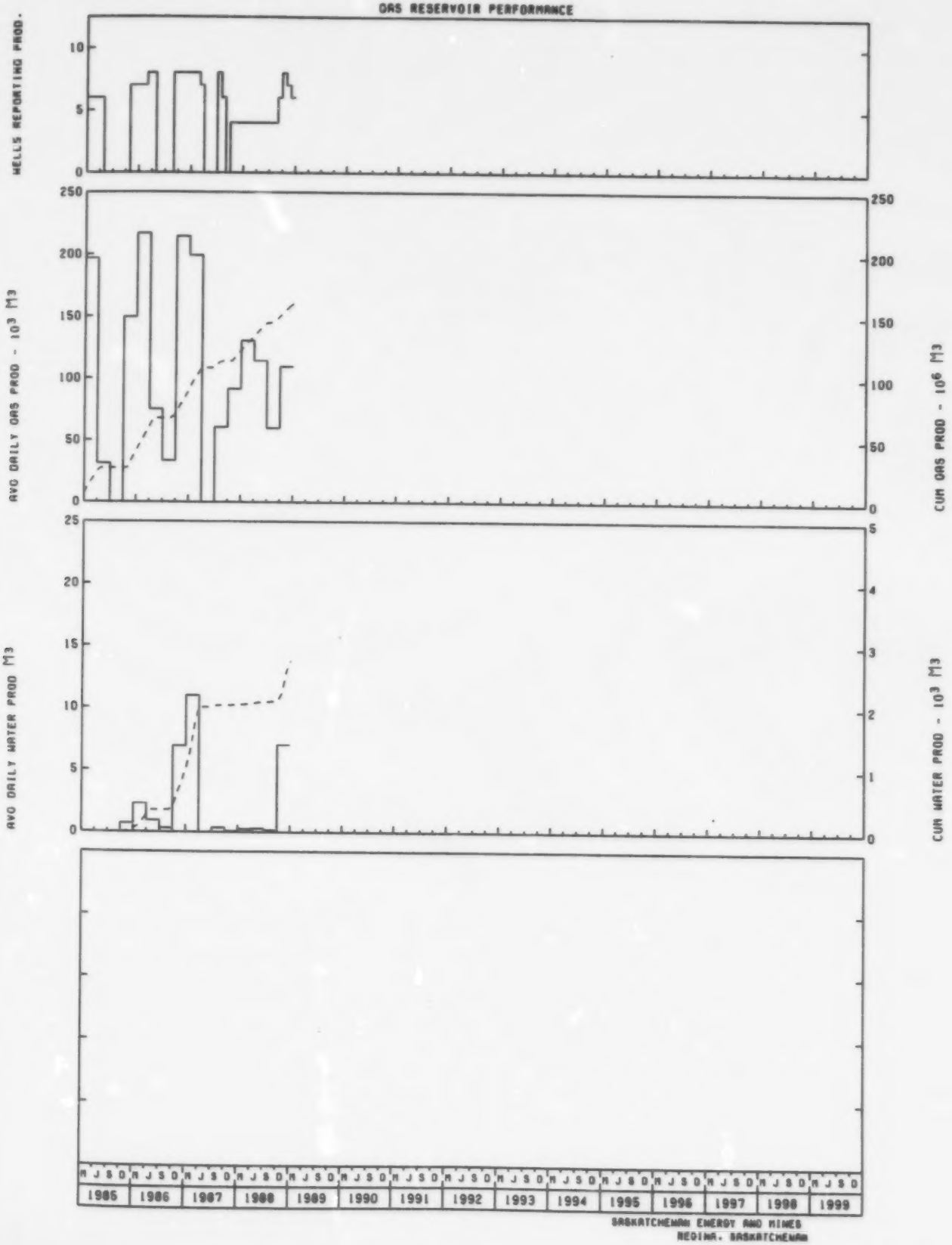
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEACON HILL W MANNVILLE SD GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



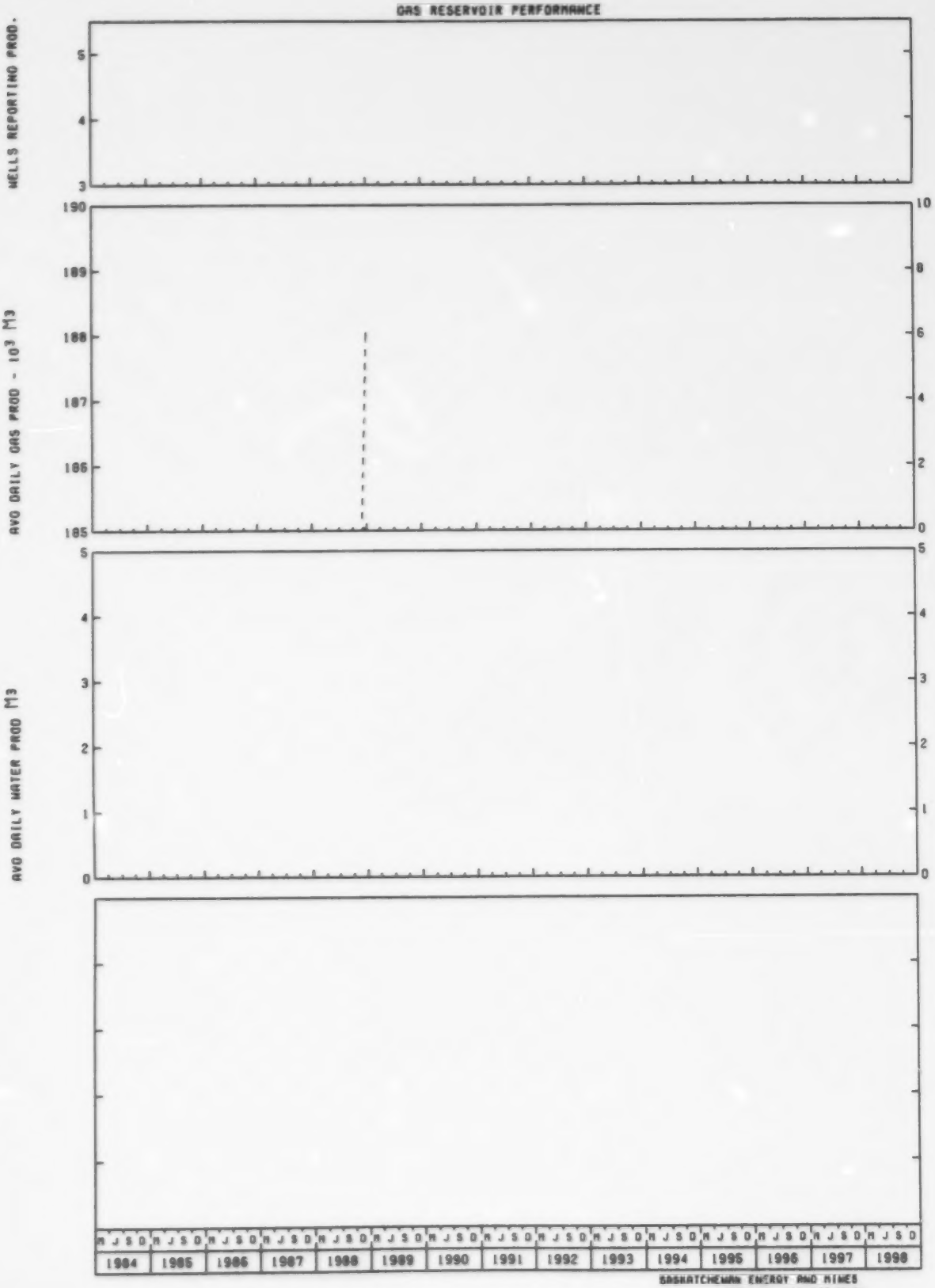
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BRONSON LK COLONY GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



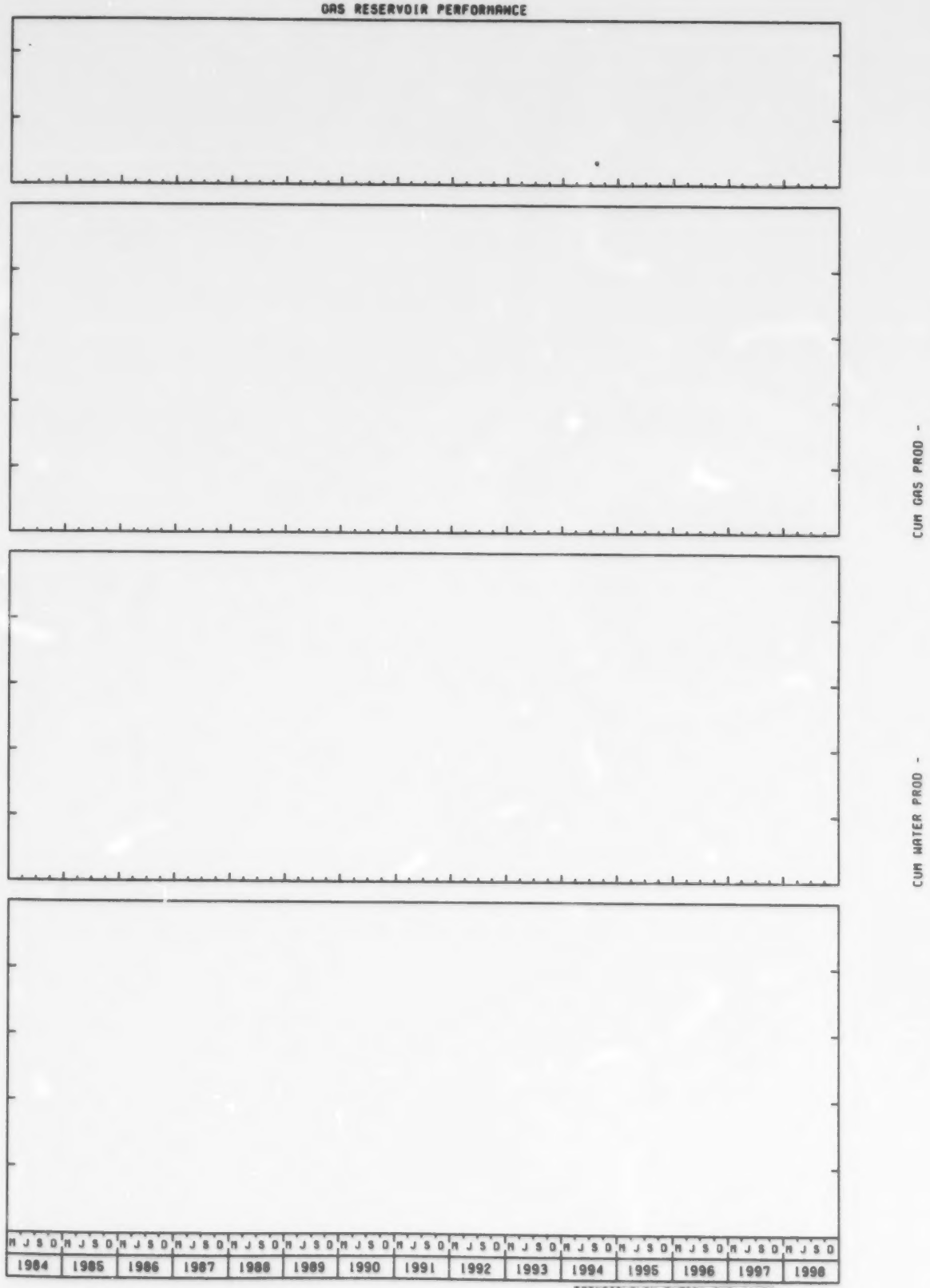
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BRONSON LK WASECA GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



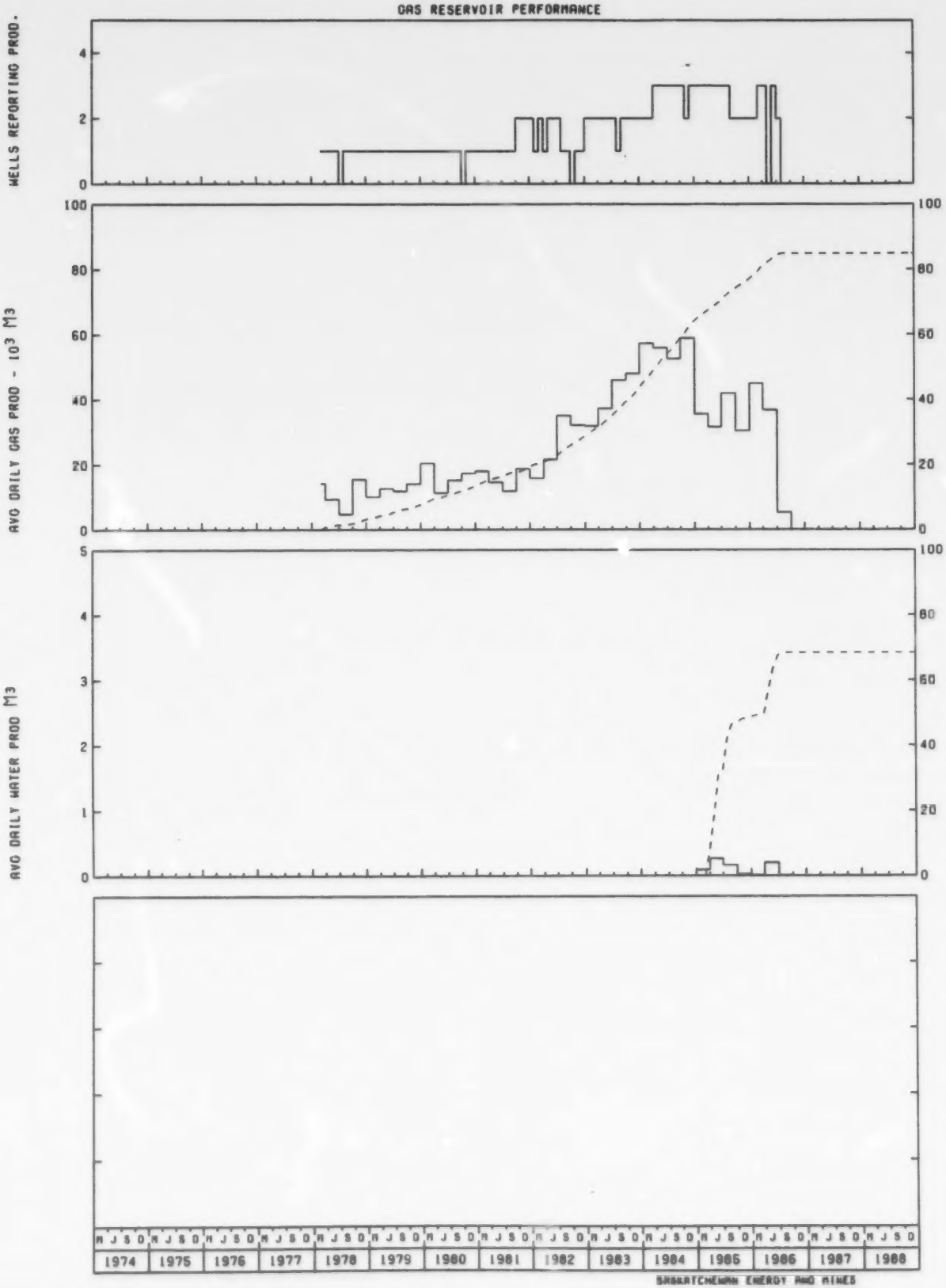
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CAVALIER SPINNEY HILL SD GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



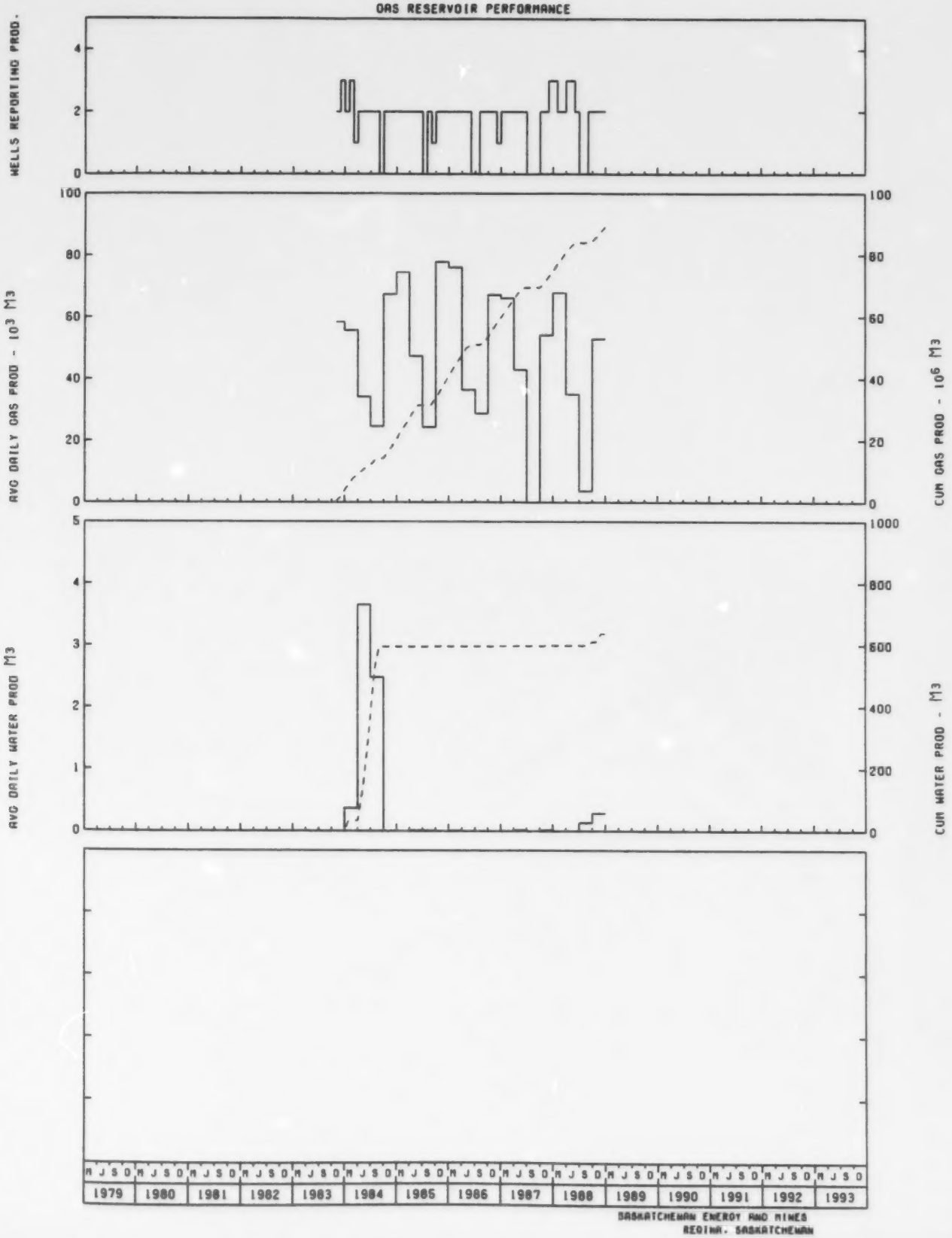
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FORT PITT MANNVILLE SAND GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



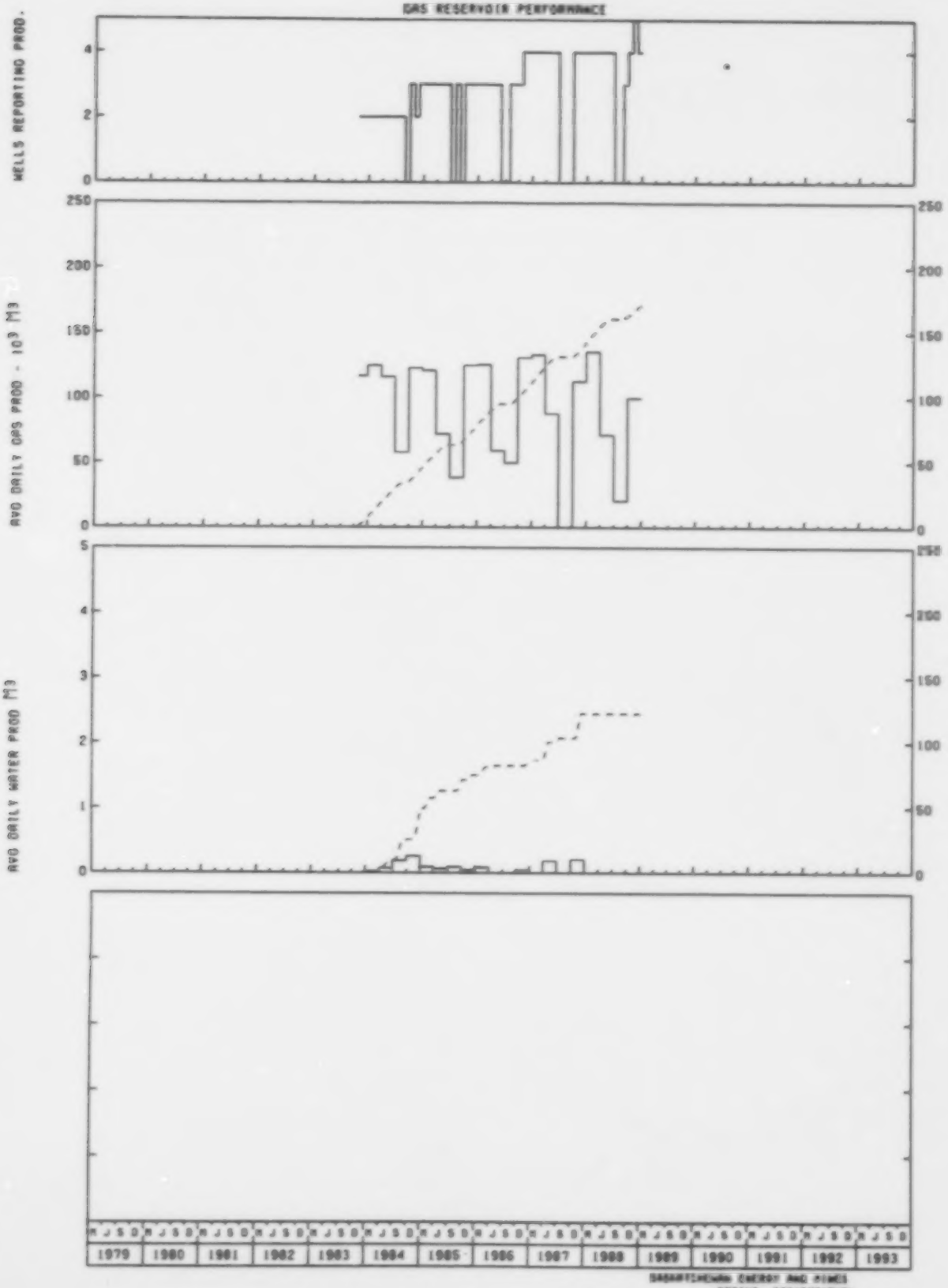
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FORT PITT N COLONY GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



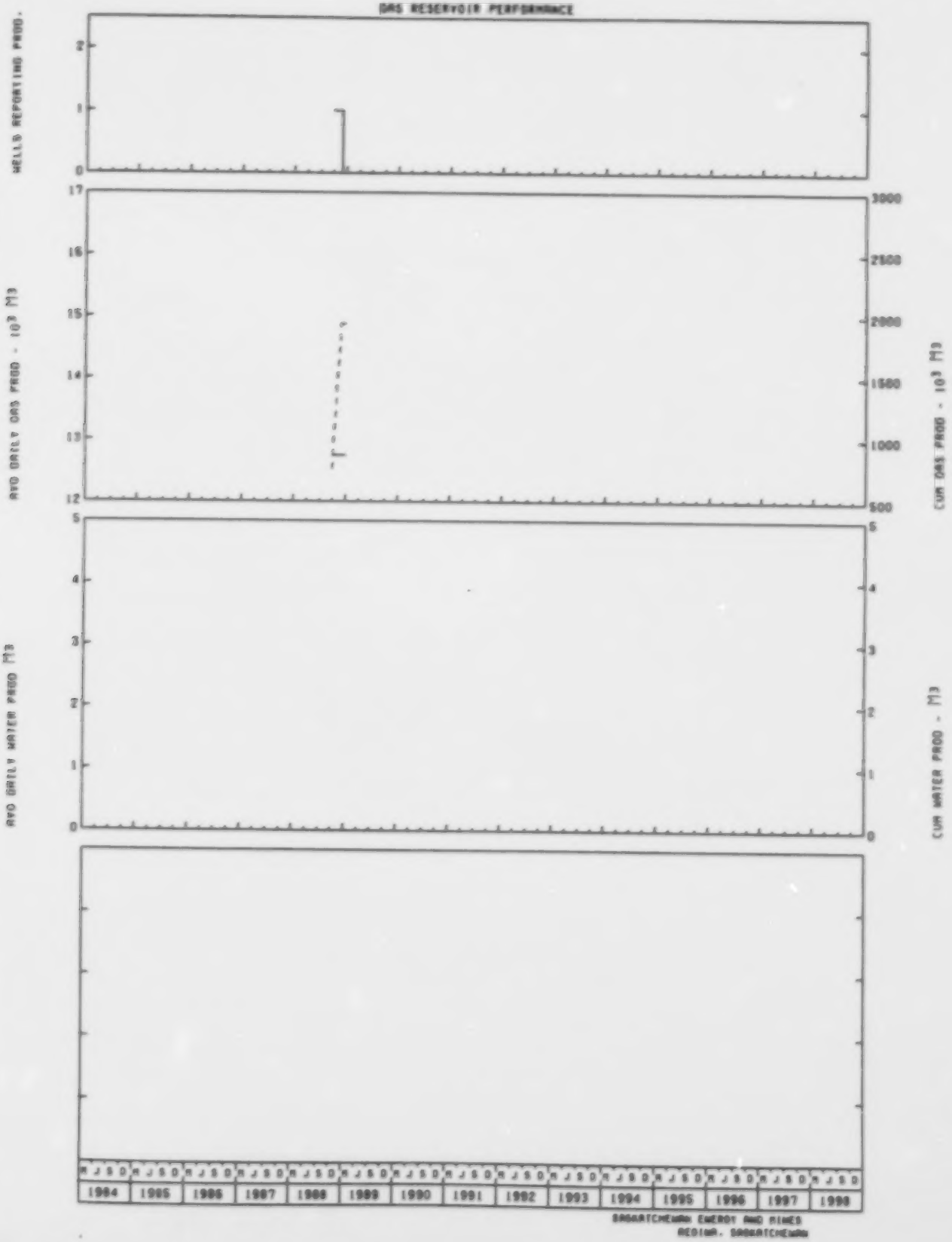
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

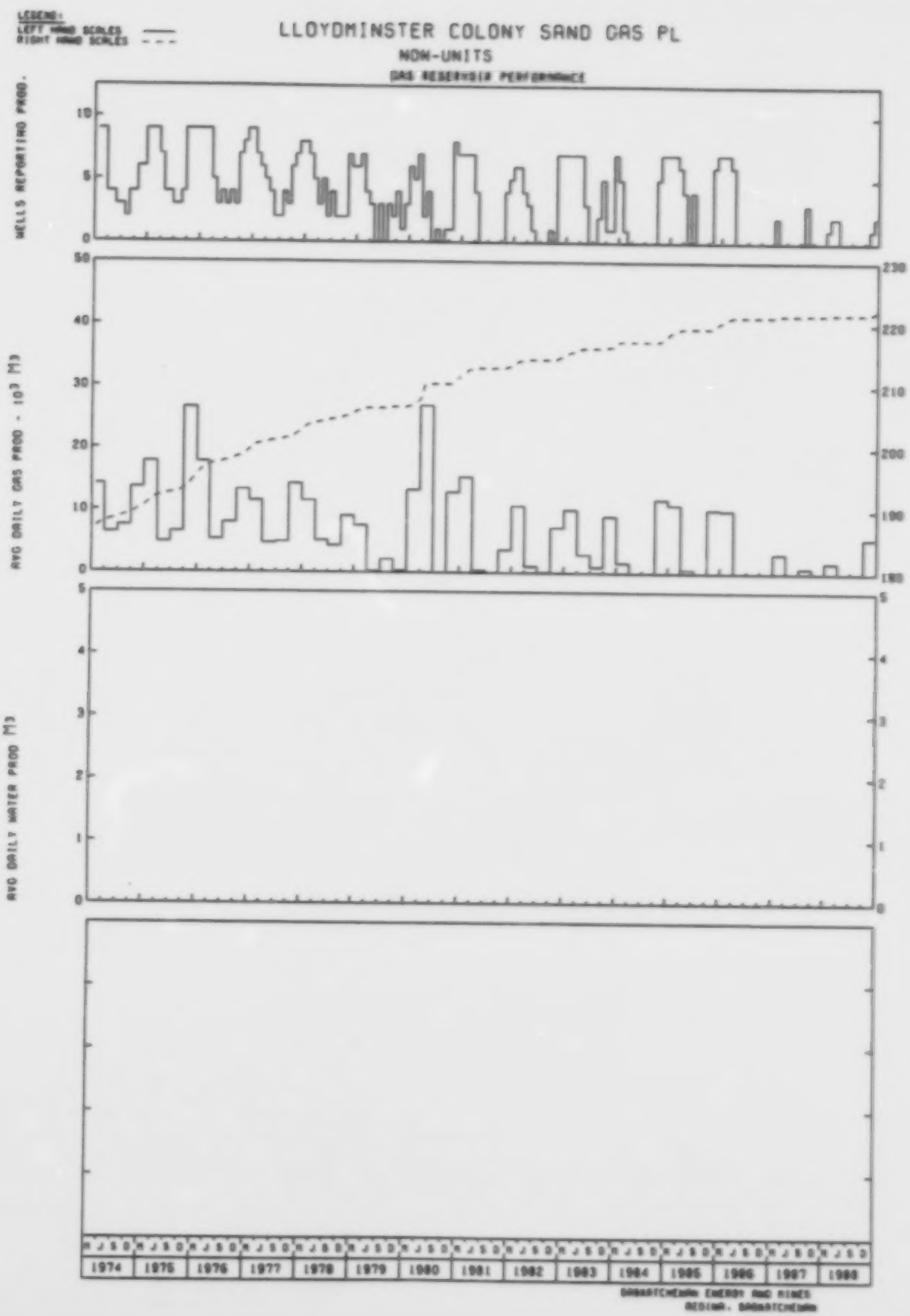
FORT PITT N WASECA GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN


LEGEND:
LEFT HAND SCALES
RIGHT HAND SCALES
LLOYDMINSTER COLONY SAND GAS PL
NON-UNITS
GAS RESERVOIR PERFORMANCE
WELLS REPORTING PROD.
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AVG DAILY WATER PROD M3
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1985
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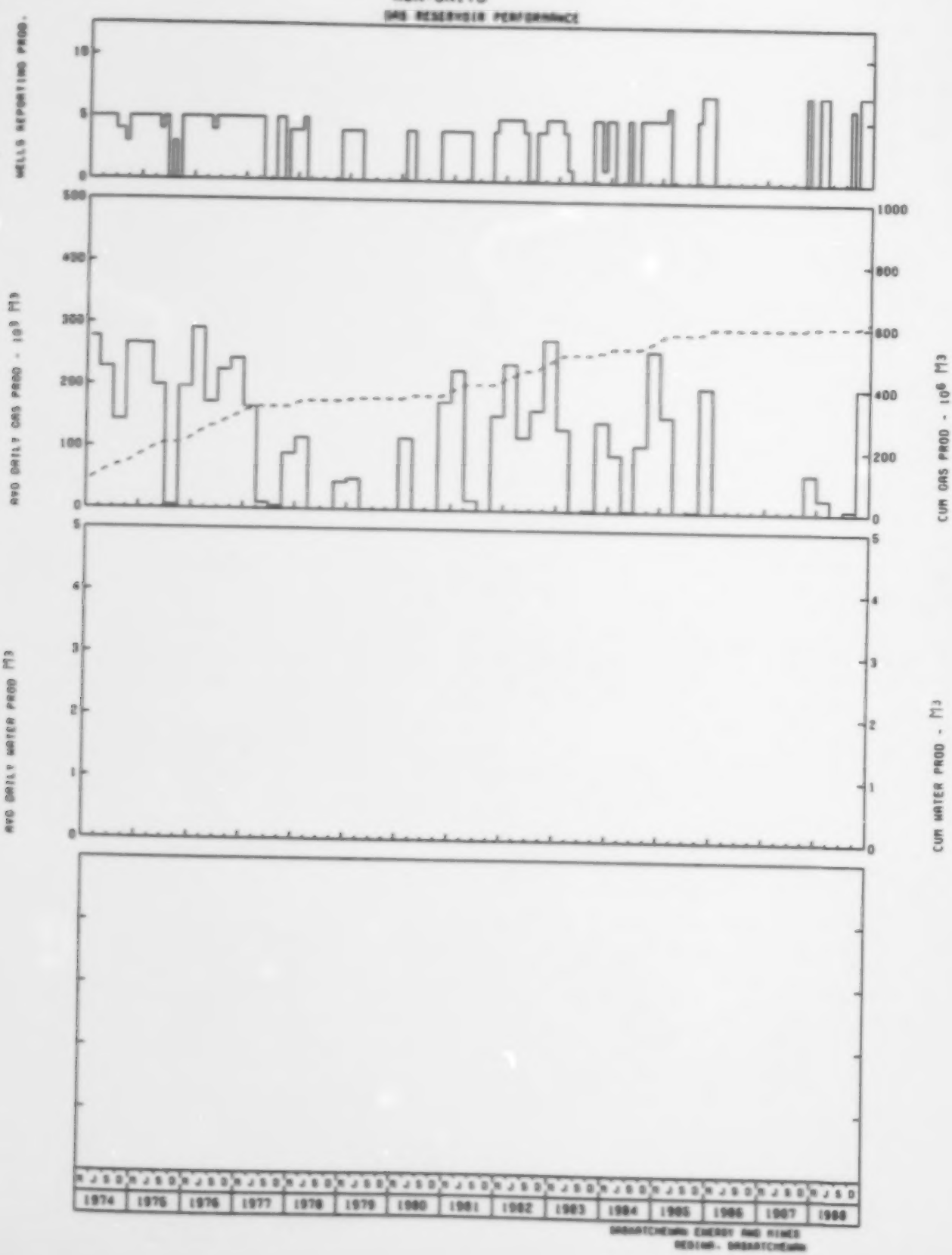
1987
1988

PIERCELAND MANNVILLE SAND GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



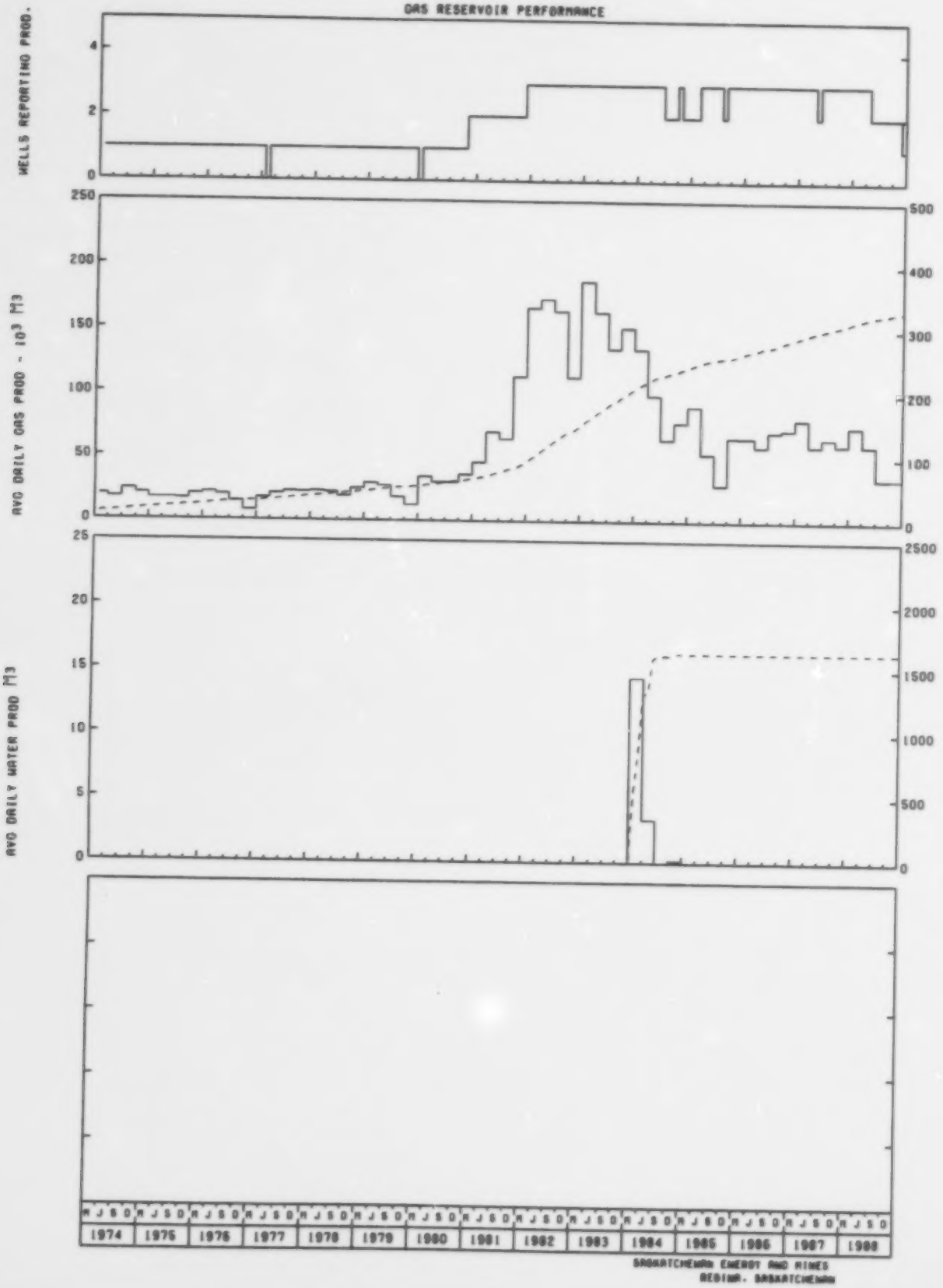
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS COLONY SAND GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



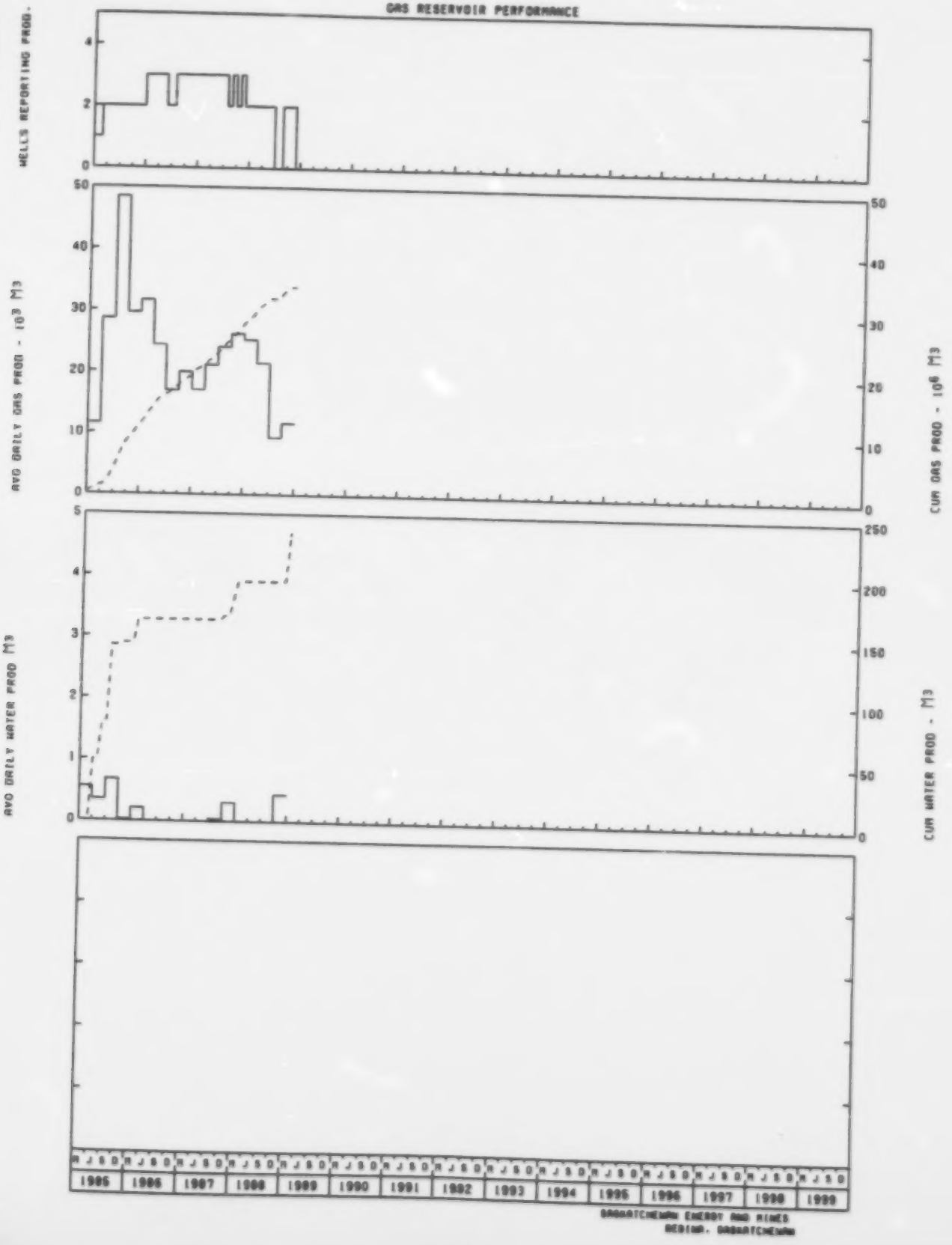
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS ST WALBURG GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



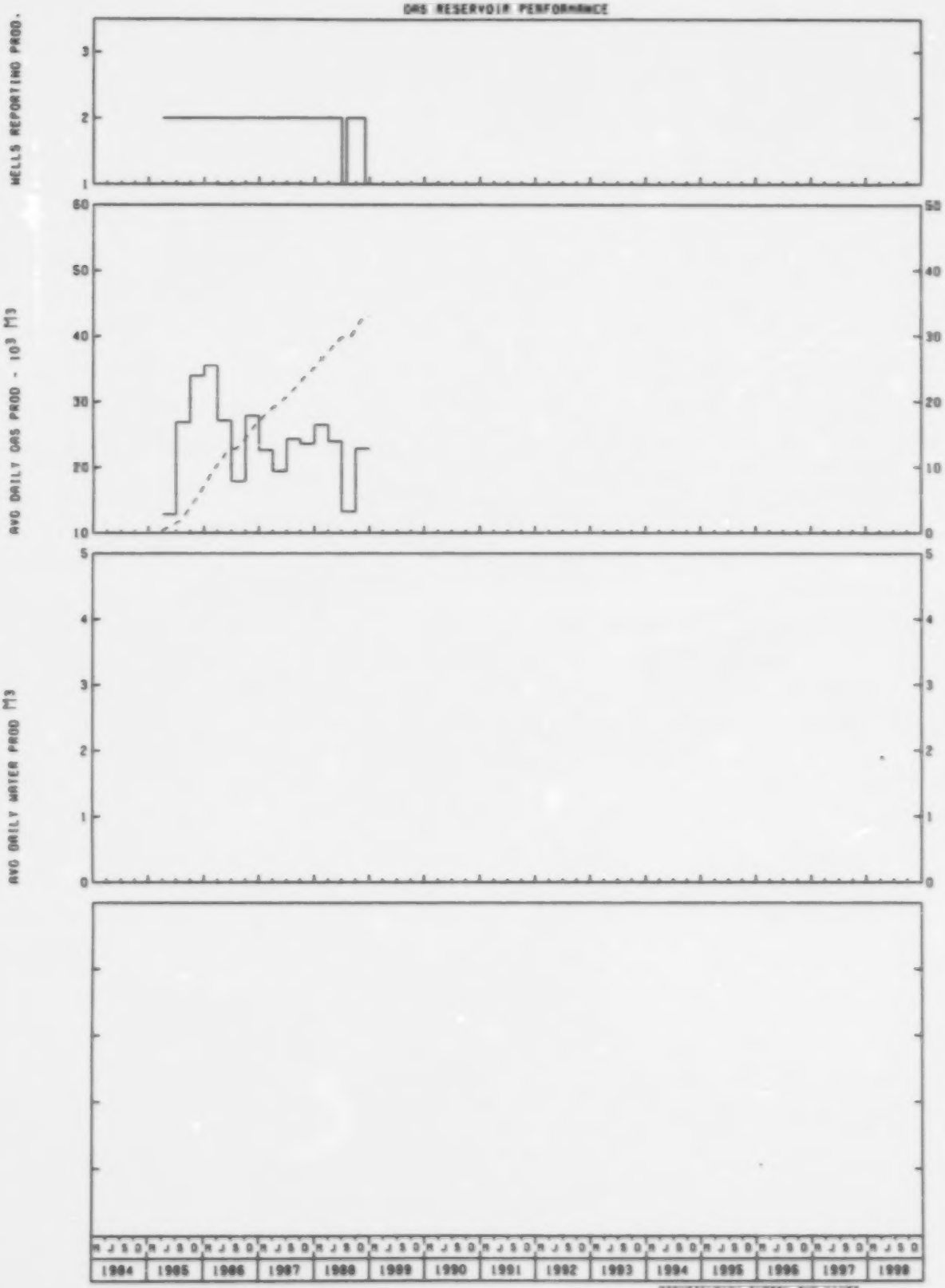
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TANGLEFLAGS 2ND WH SPECKS GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



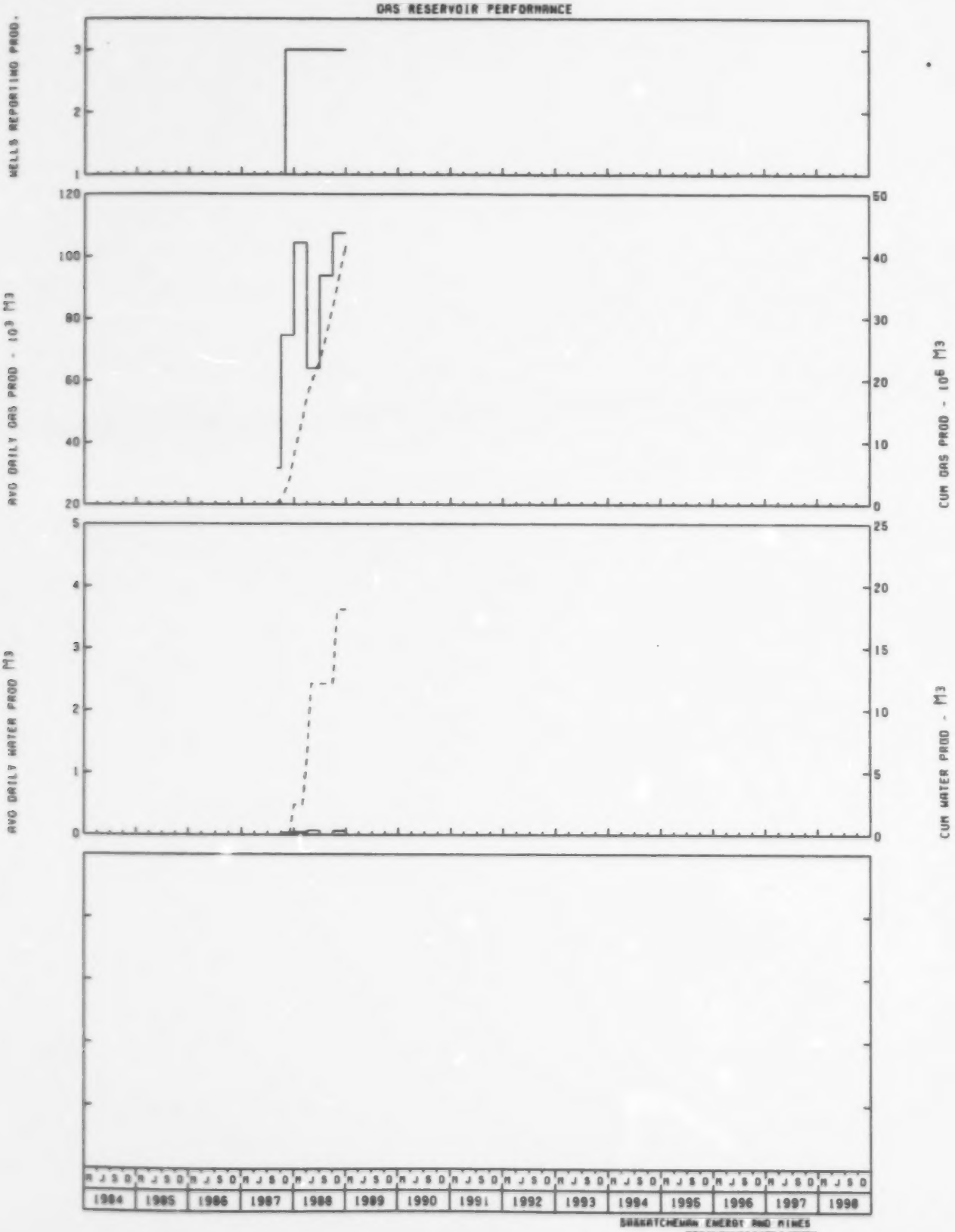
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DRIVER BAKKEN SD GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE

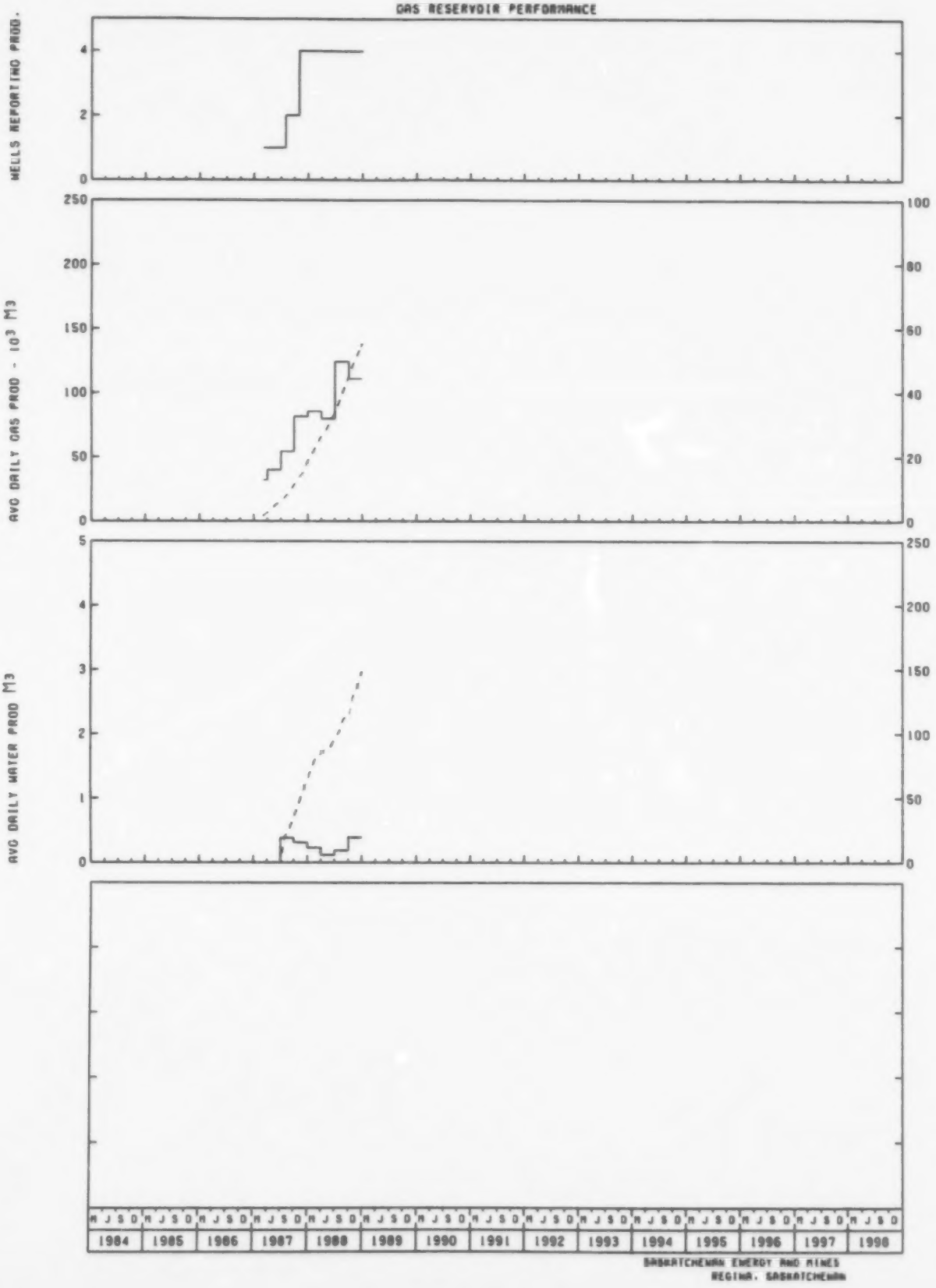


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

DRIVER MANNVILLE SD GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



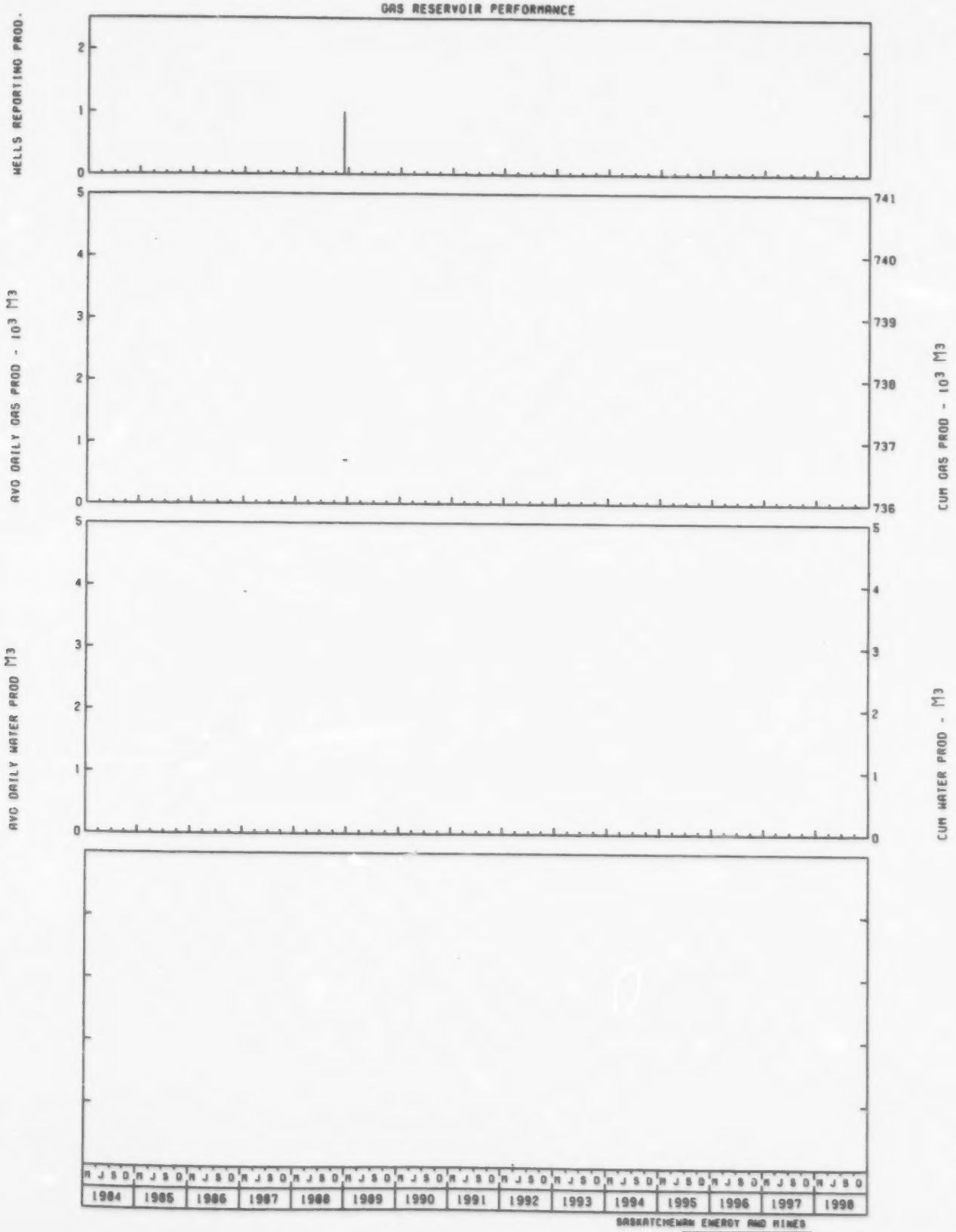
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOVERNA N MVILLE GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



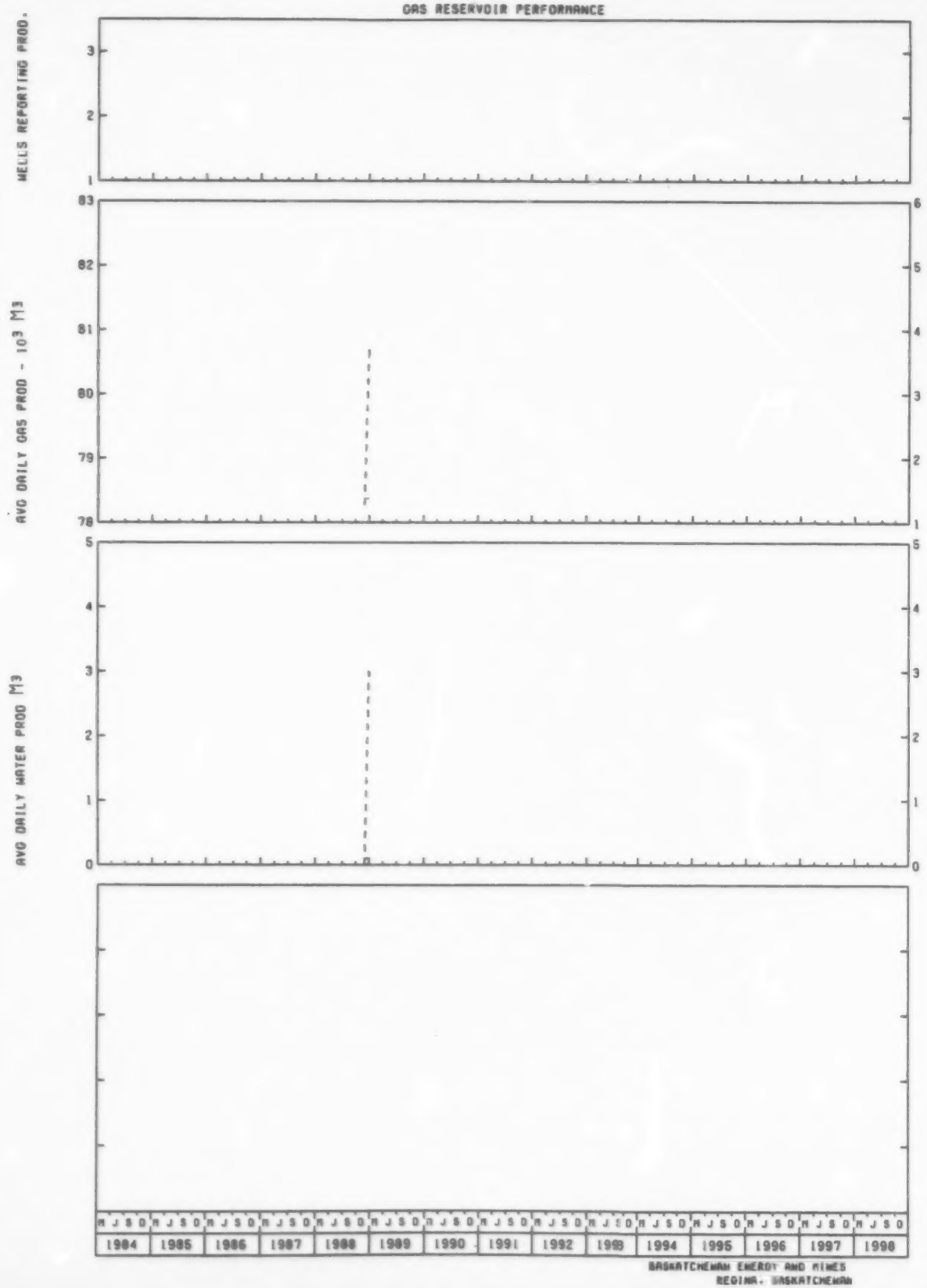
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOVERNA W BAKKEN GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



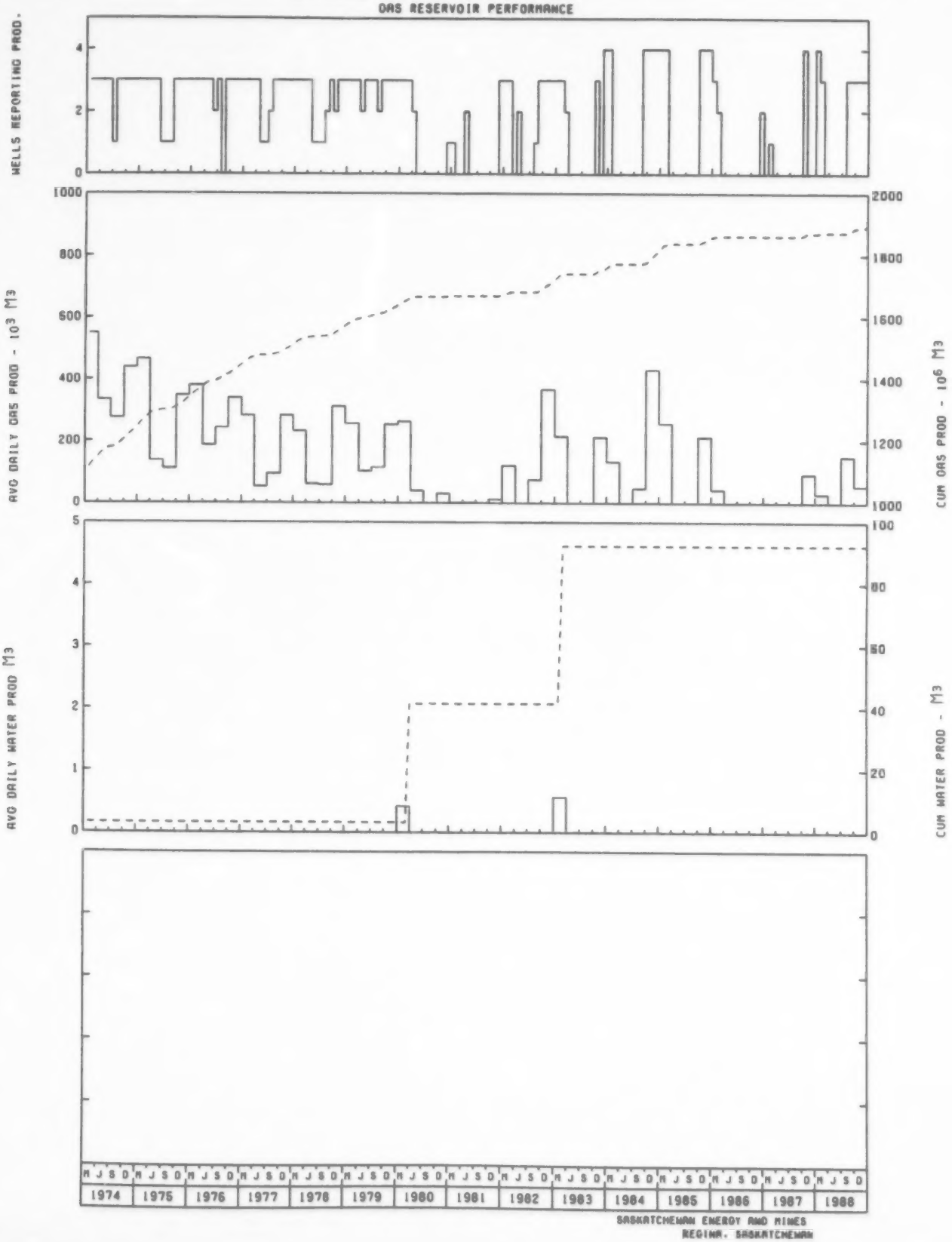
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BAYHURST VIKING GAS POOL

BAYHURST VIKING VOL GAS UNIT

GAS RESERVOIR PERFORMANCE



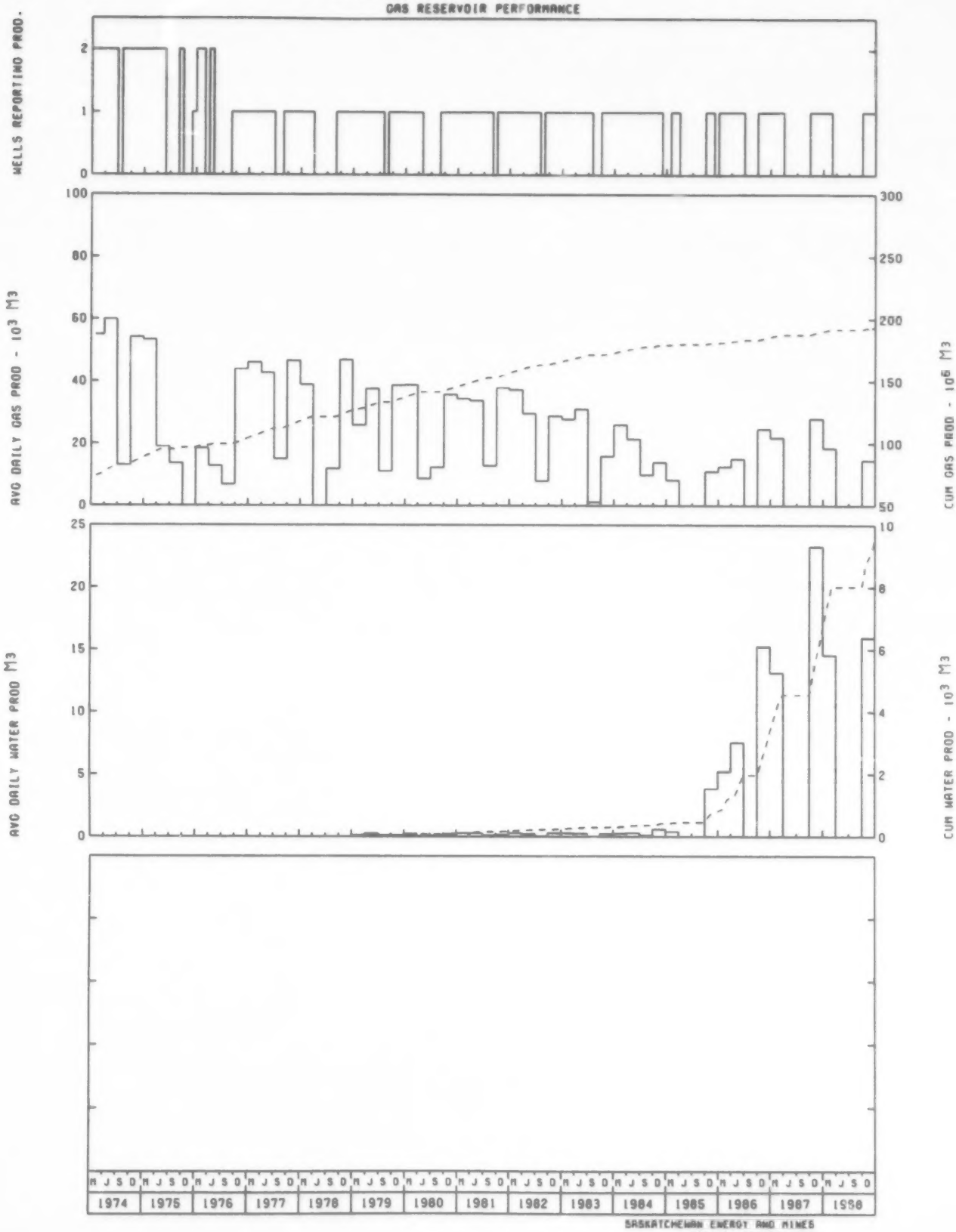
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BAYHURST WEST VIKING GAS POOL

W BAYHURST VIK GAS VOL UNIT

GAS RESERVOIR PERFORMANCE

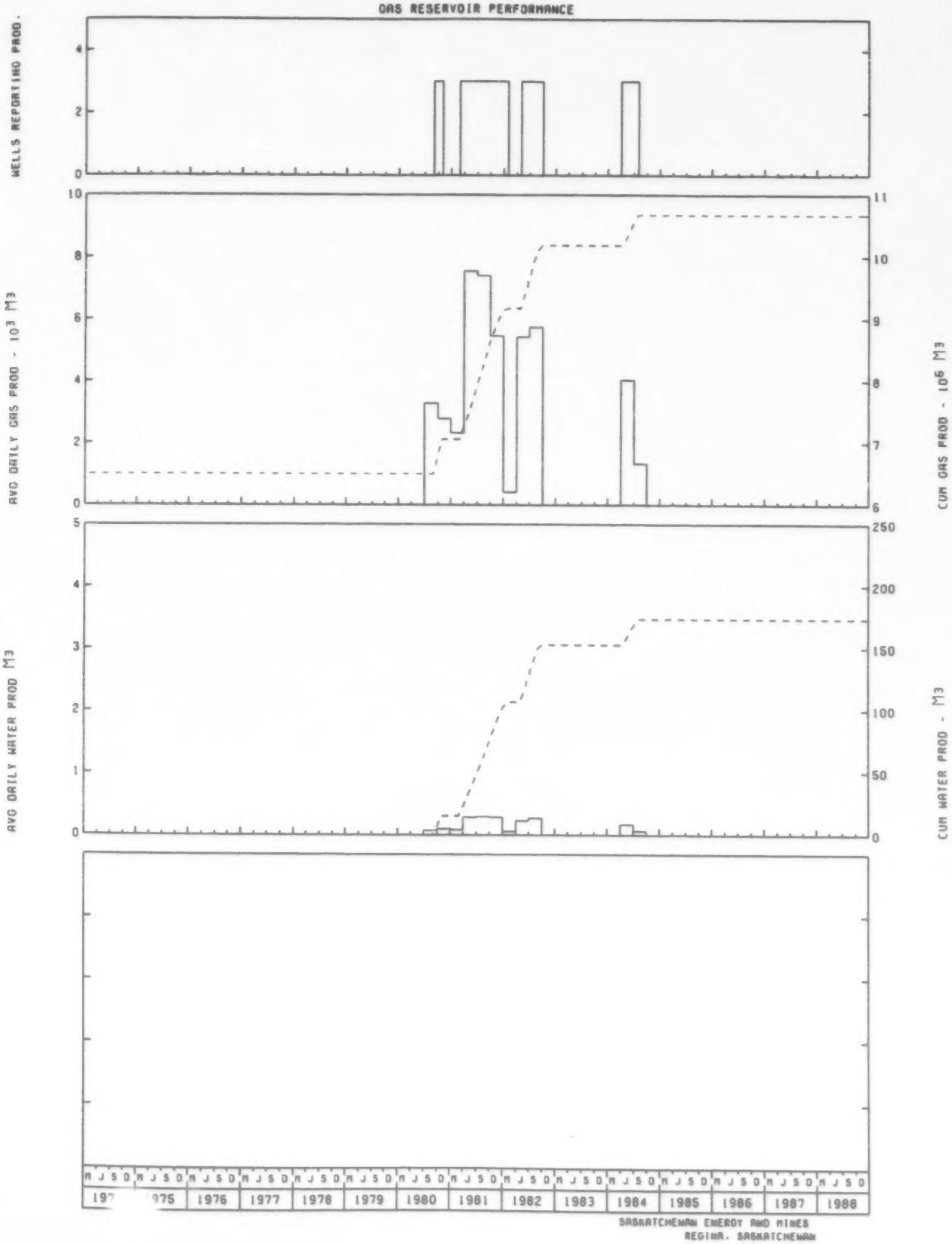


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

BROCK EAST VIKING GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



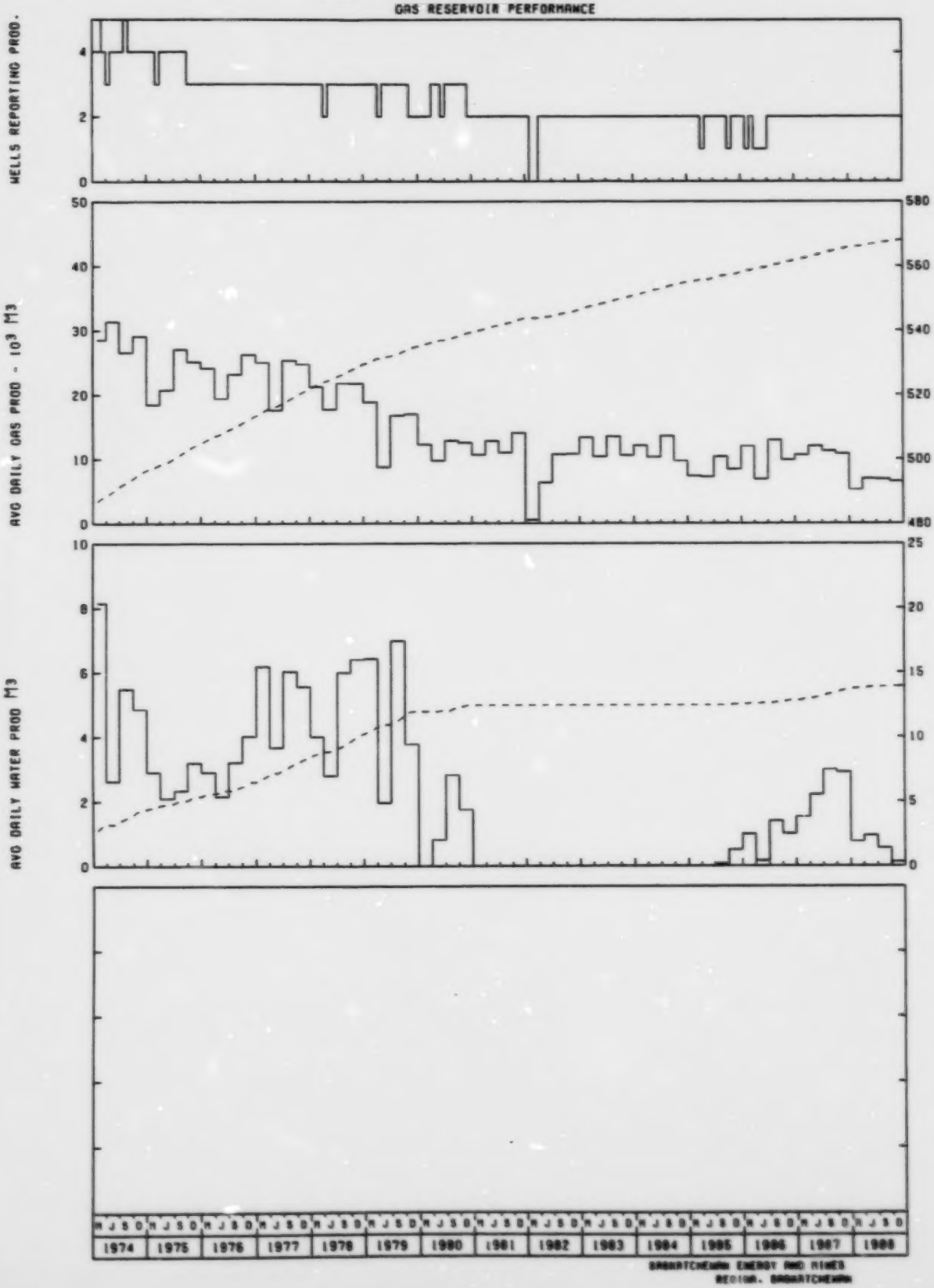
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BROCK VIKING SAND GAS POOL

BROCK VIKING SAND GAS UNIT

GAS RESERVOIR PERFORMANCE



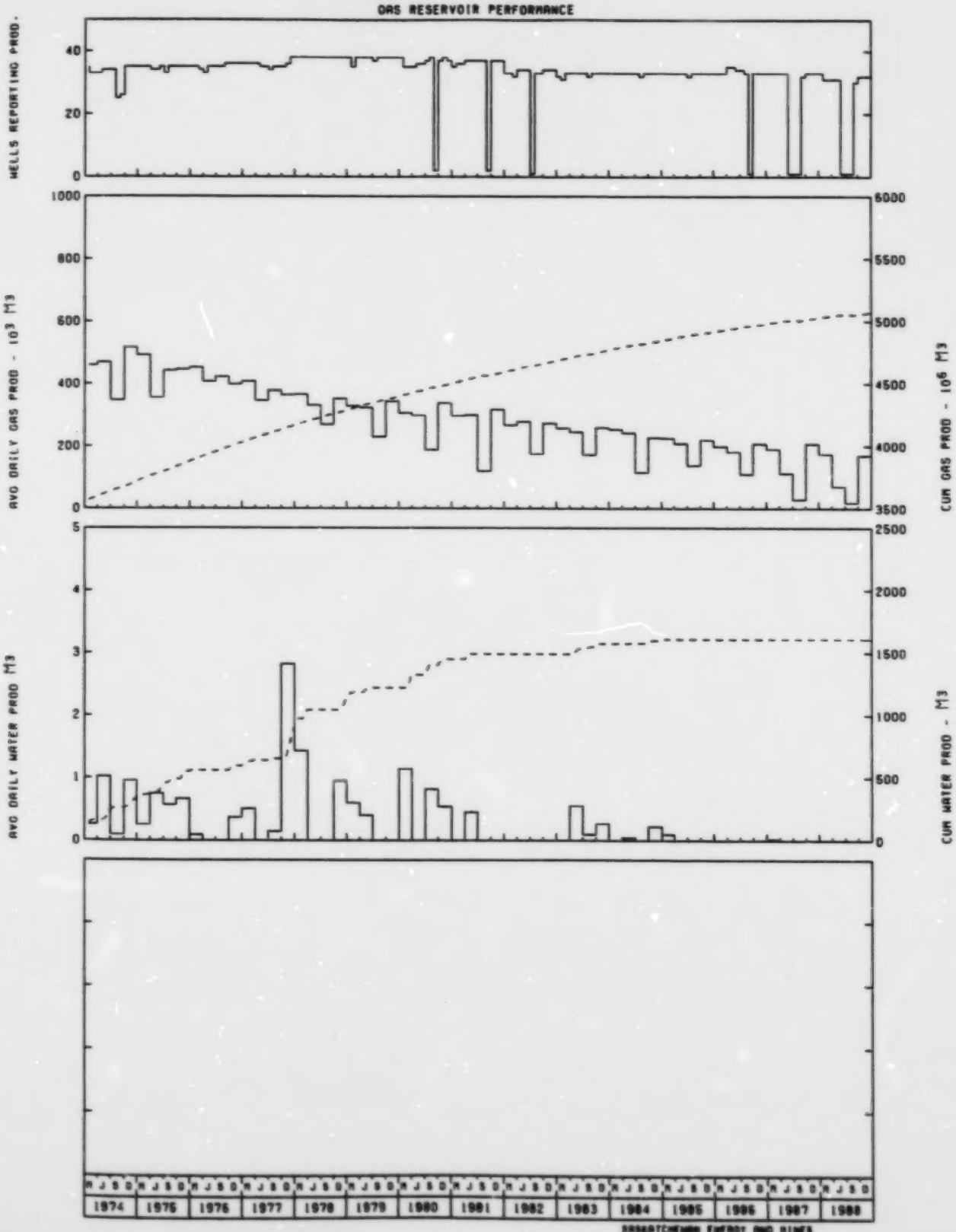
ENERGY AND MINES
REGION

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLEVILLE SMILEY VIK SAND GAS PL

COLE SMILEY VIK SD GAS UNIT

GAS RESERVOIR PERFORMANCE



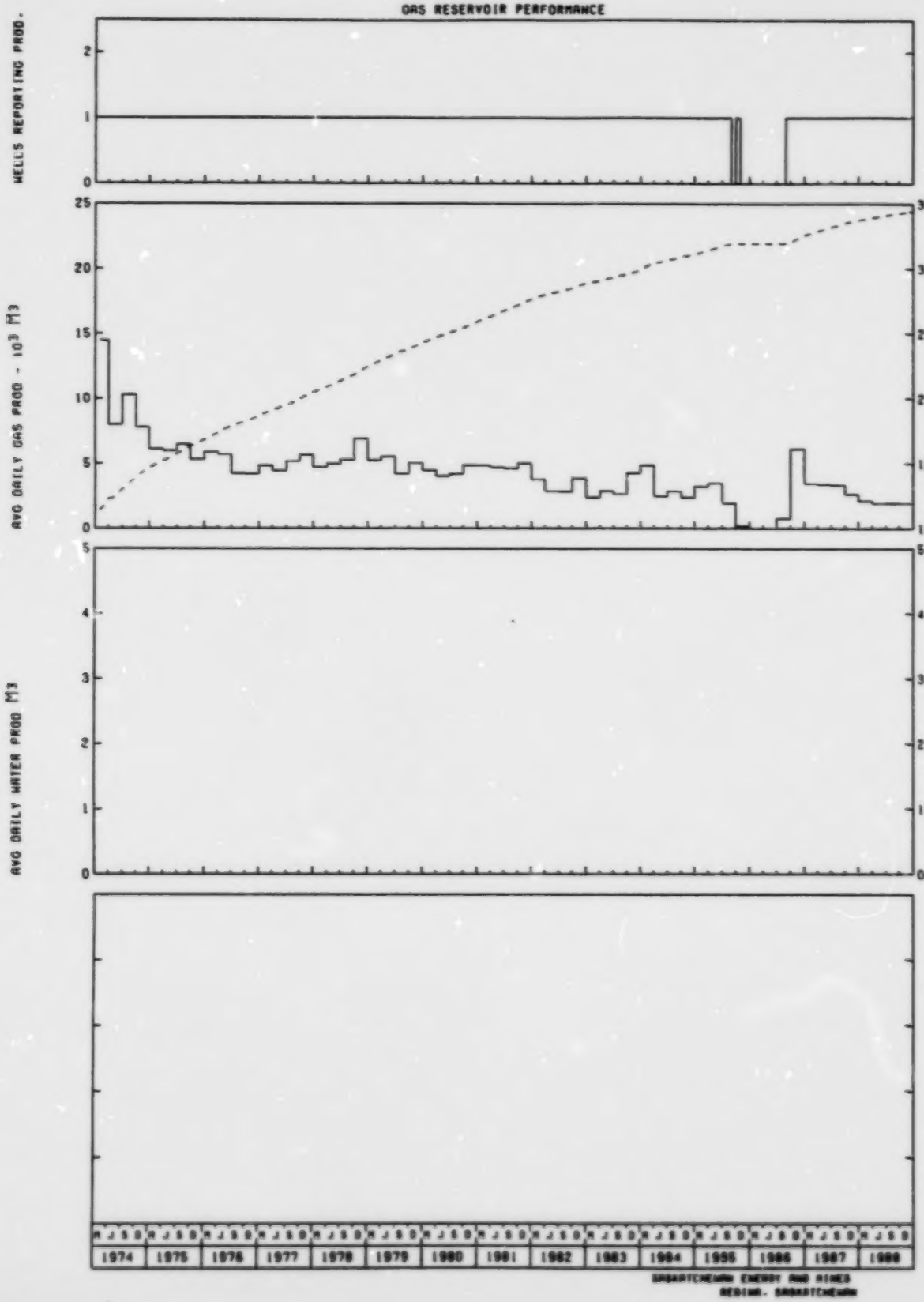
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

COLEVILLE SMILEY VIK SAND GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



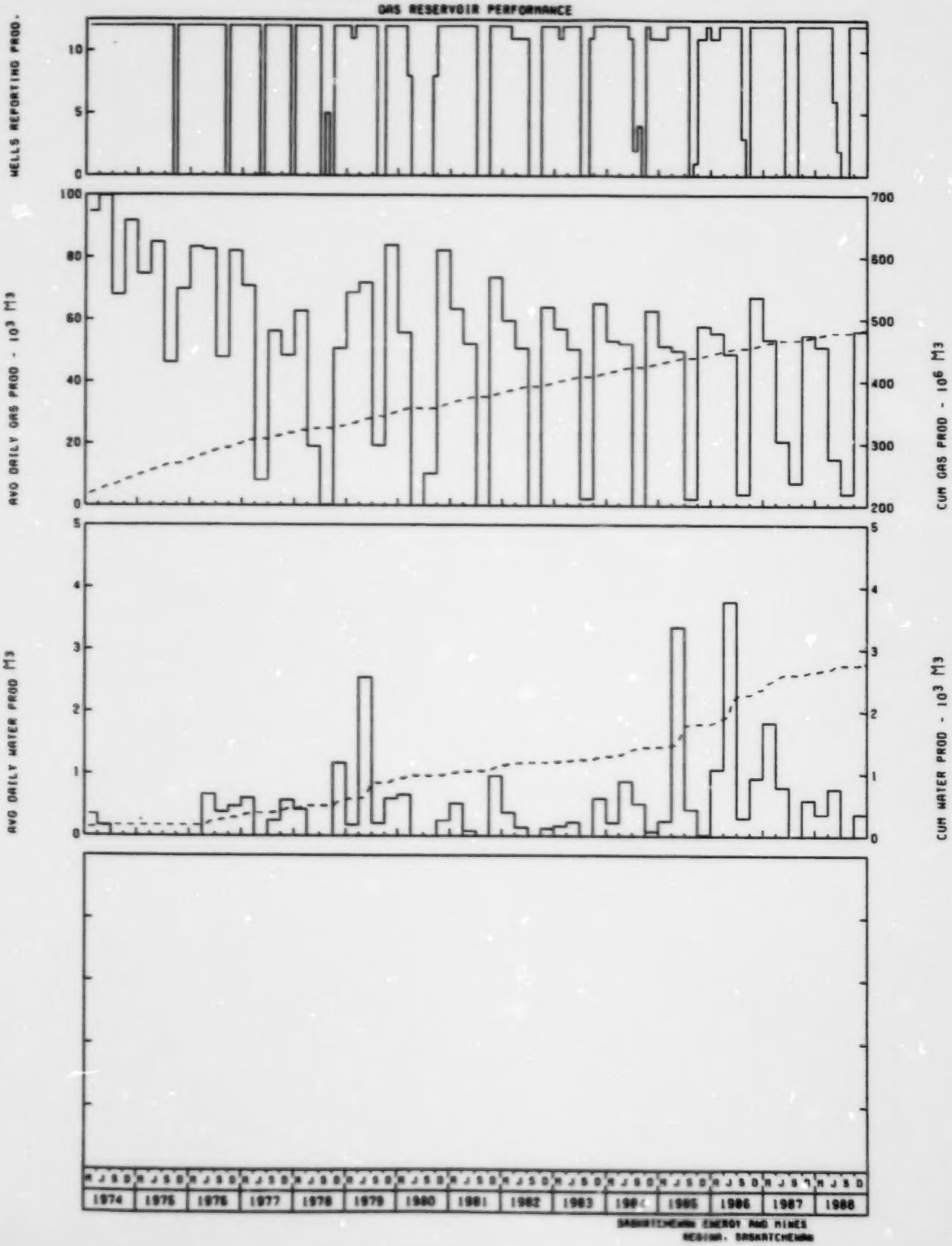
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND NORTH VIKING GAS POOL

DODSLAND VIKING GAS VOL UNIT

GAS RESERVOIR PERFORMANCE



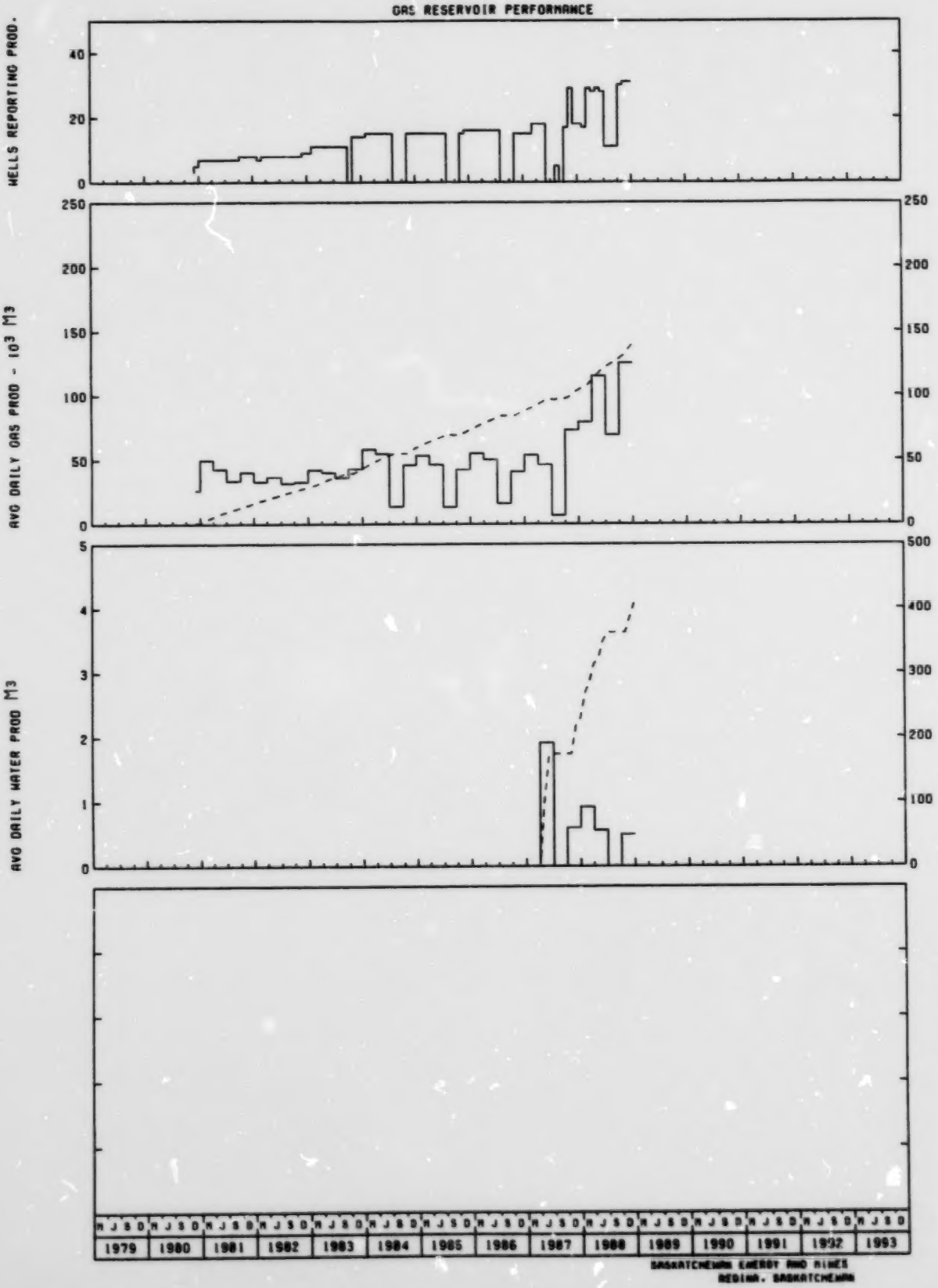
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

DODSLAND NORTH VIKING GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



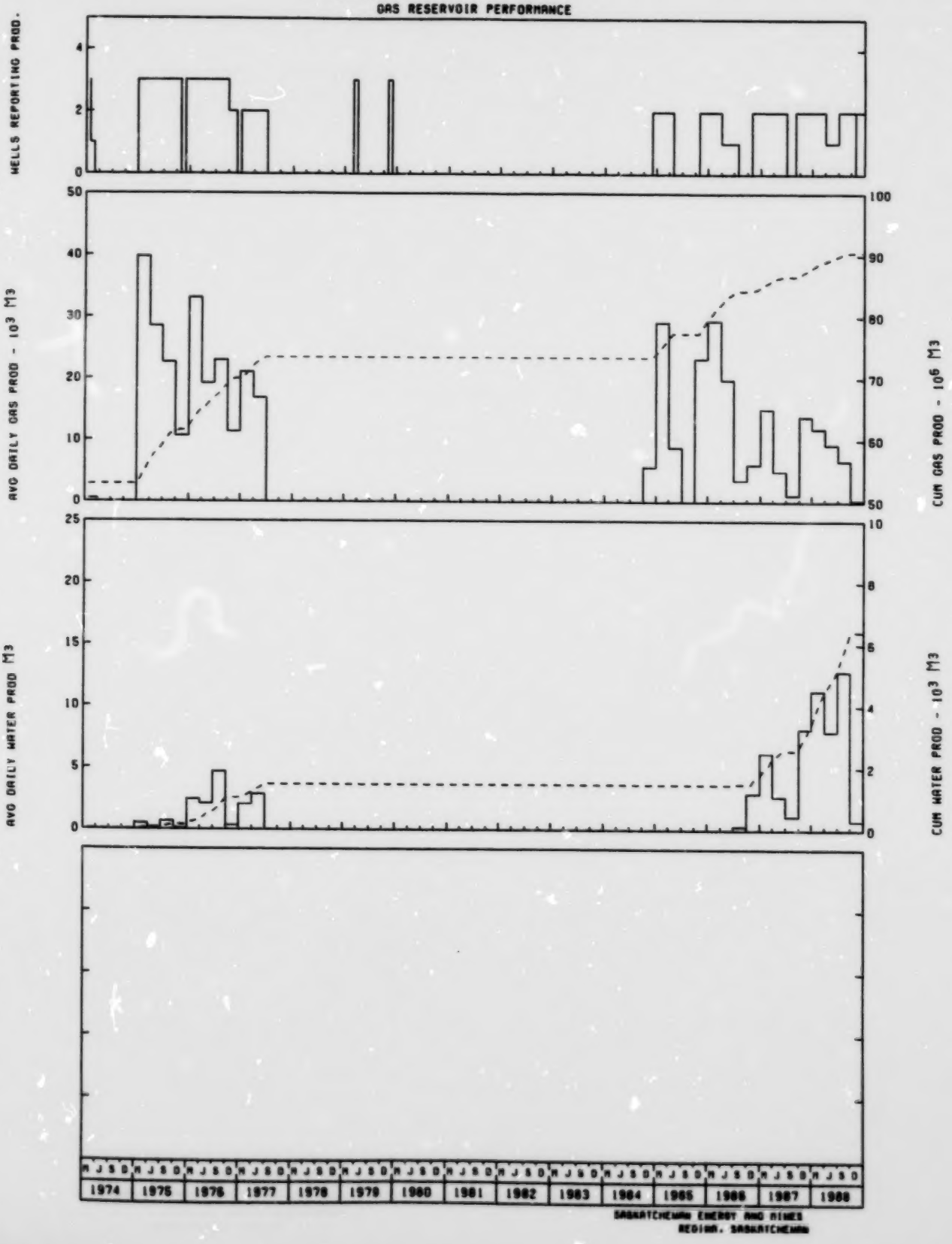
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GLIDDEN VIKING GAS POOL

GLIDDEN VIK GAS VOL UNIT 1

GAS RESERVOIR PERFORMANCE



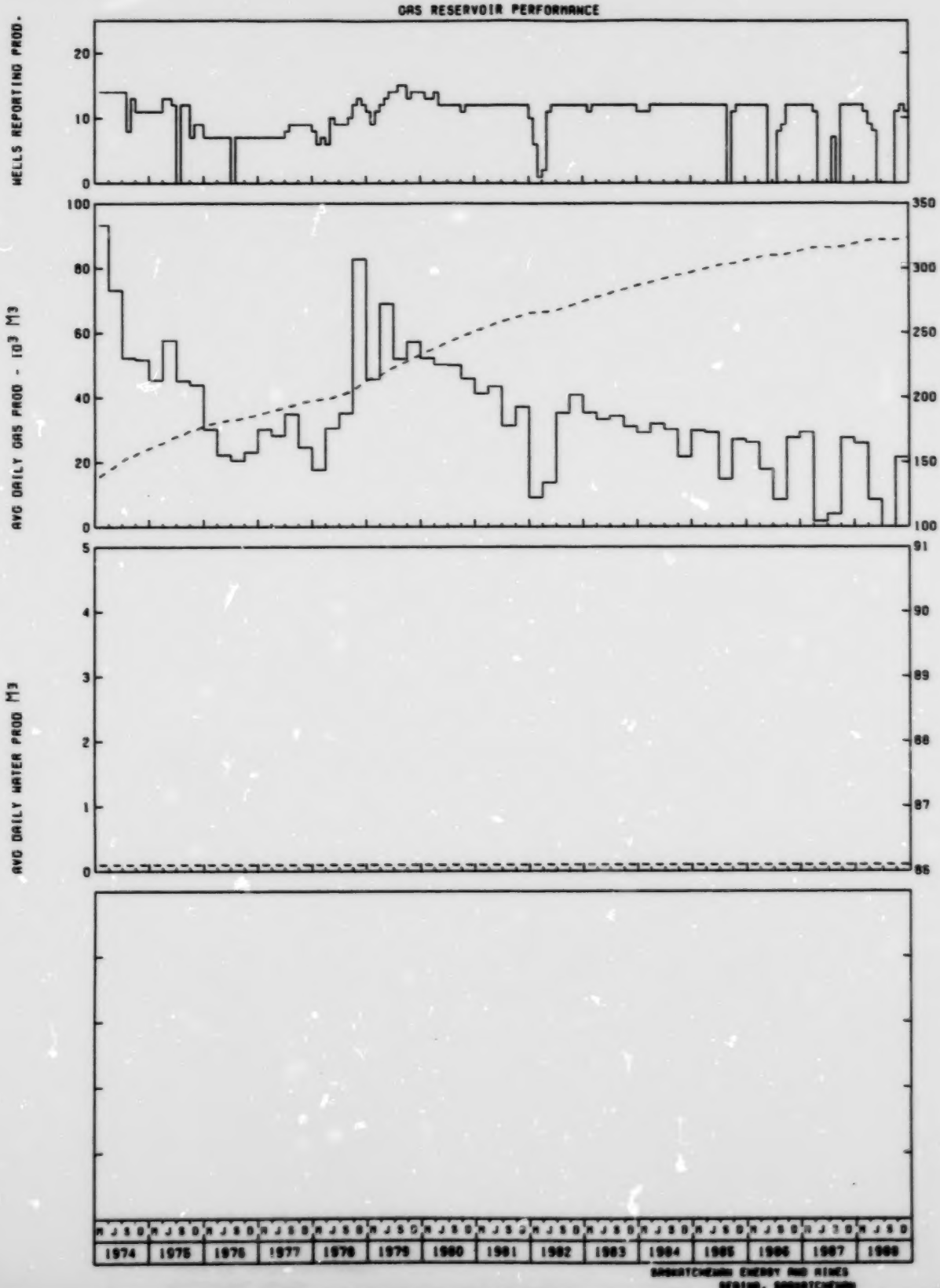
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

GREENAN VIKING GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE

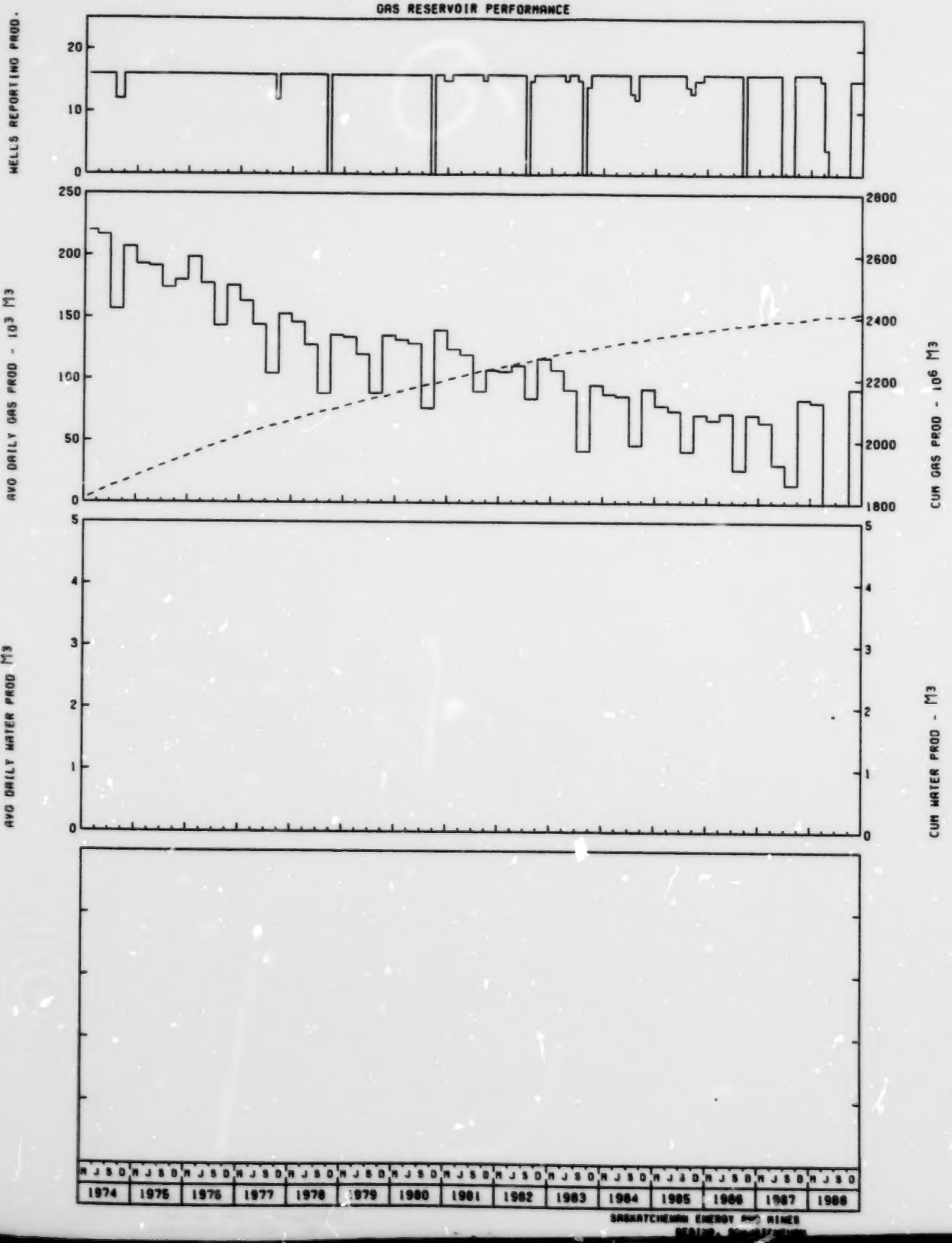


LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HOOSIER VIKING GAS POOL

HOOSIER VIKING SAND GAS UNIT

GAS RESERVOIR PERFORMANCE



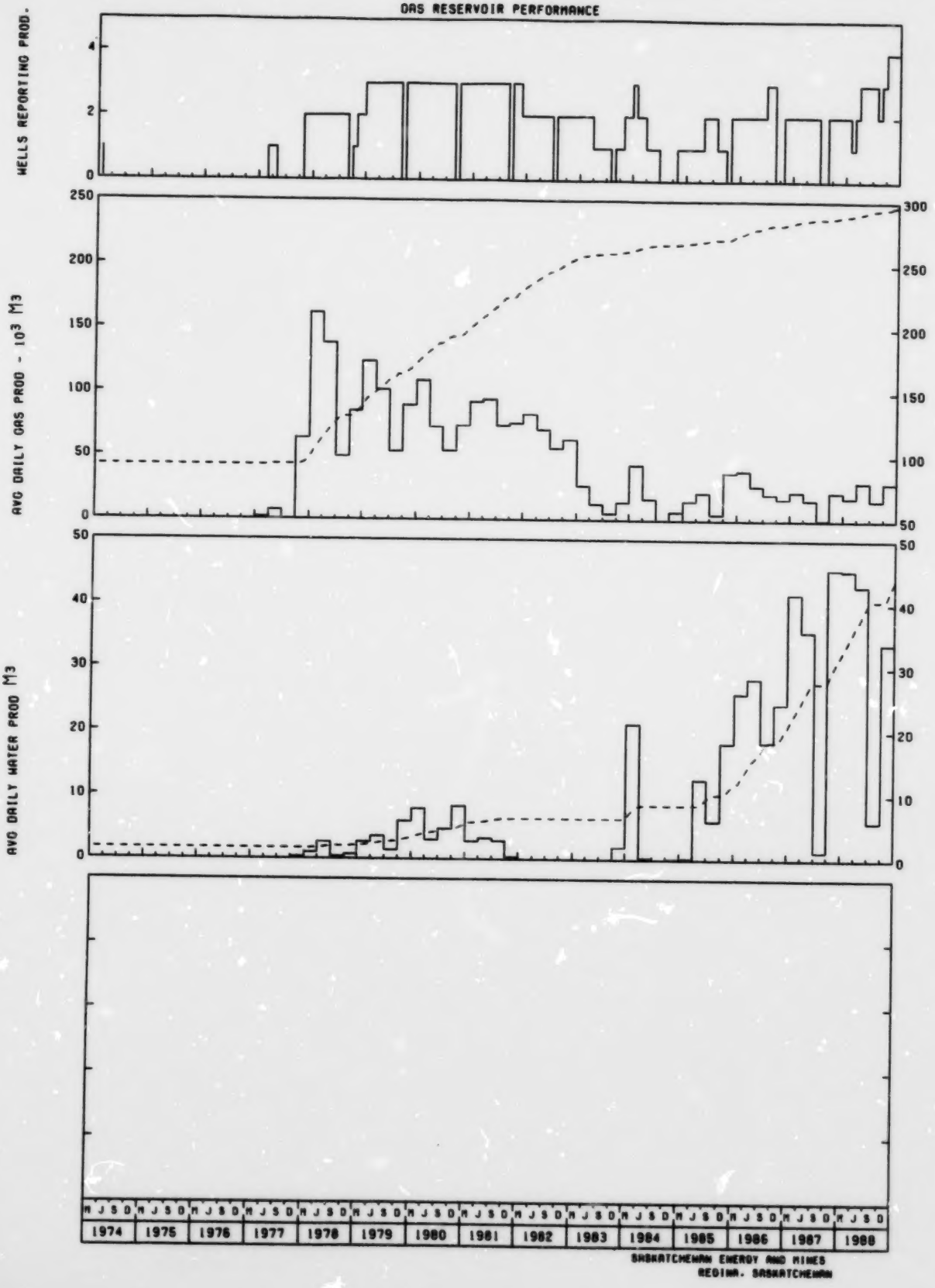
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOVERNA S BAK GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



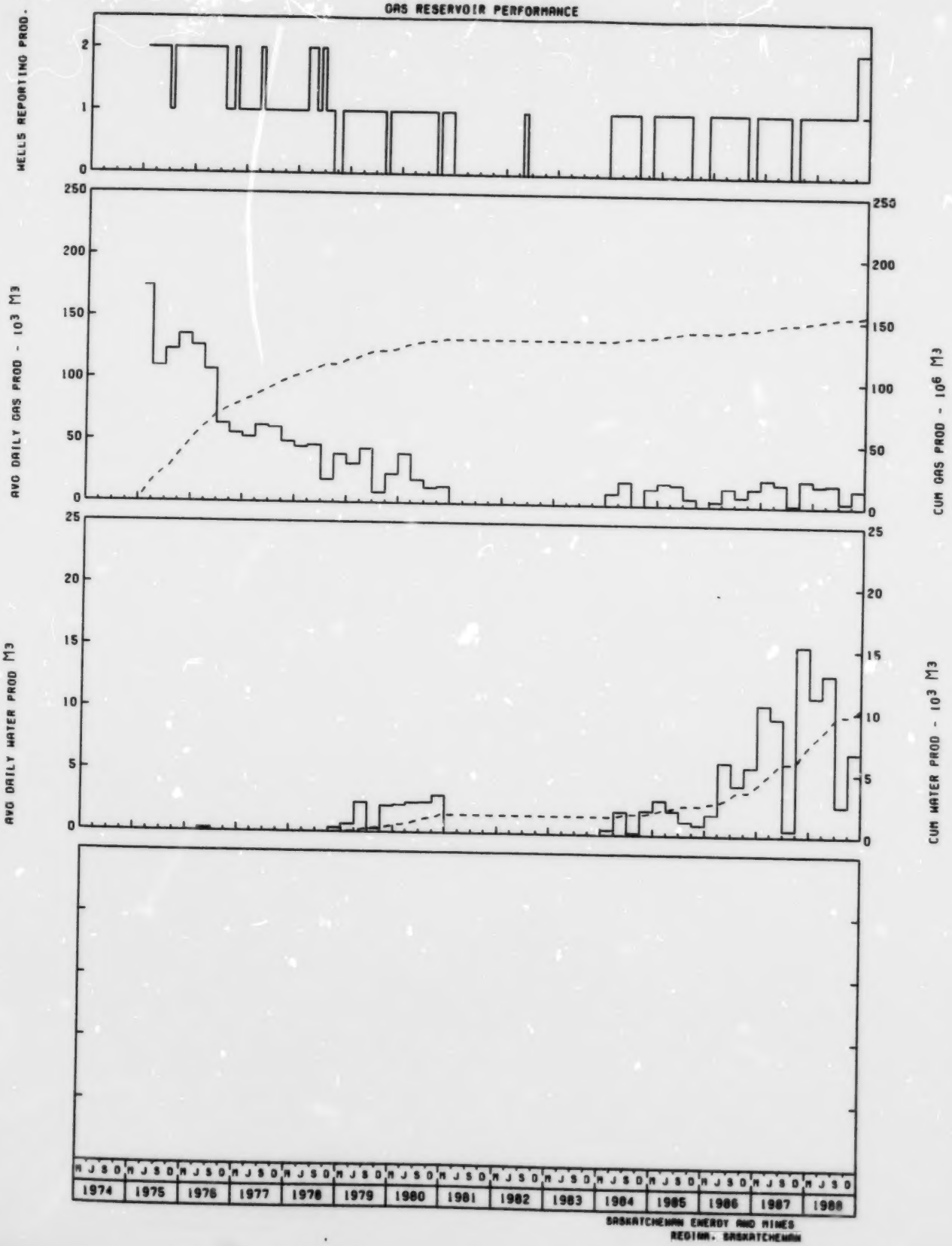
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LOVERNA S VIK GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



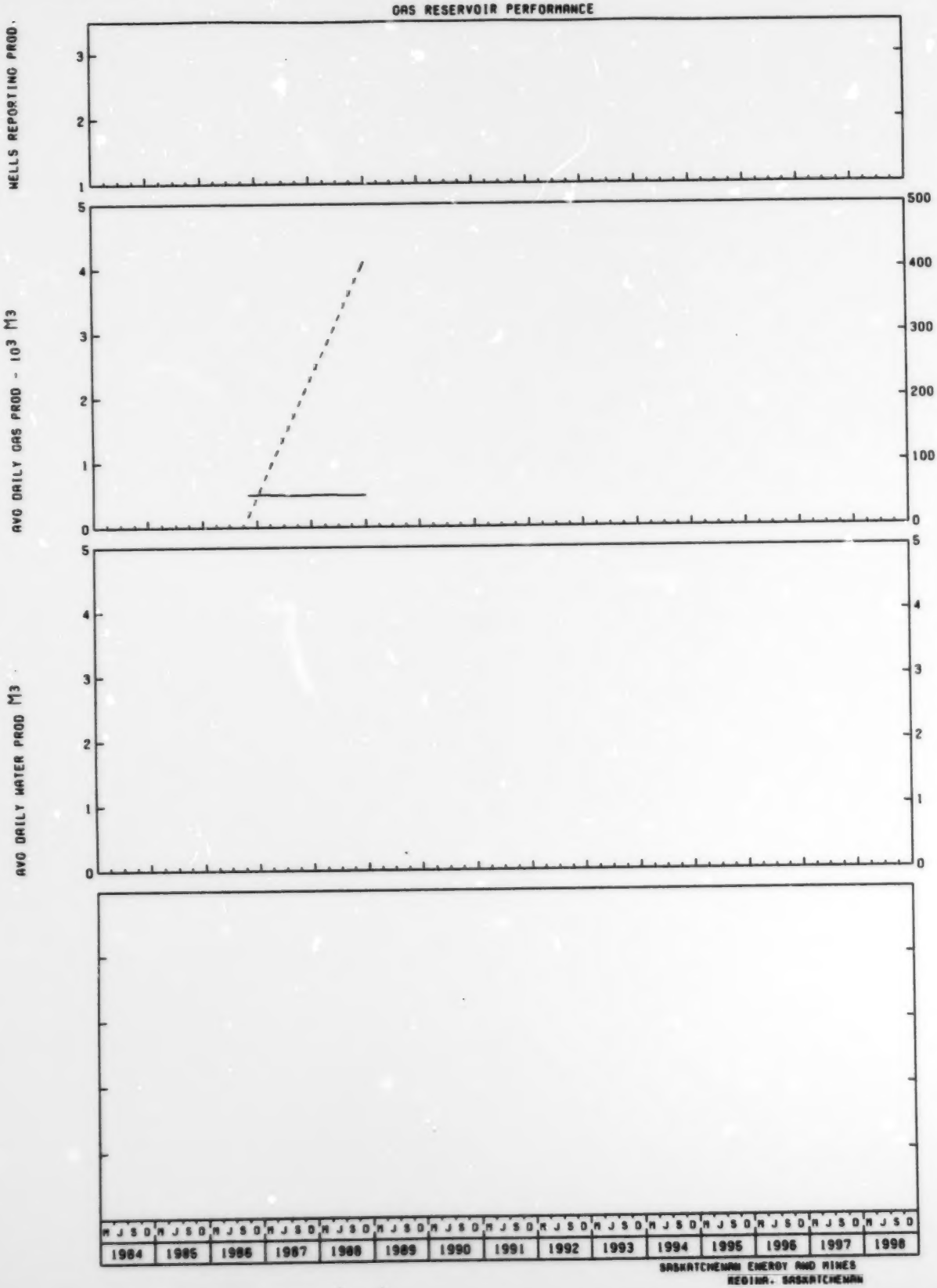
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LUCKY HILLS VIKING POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



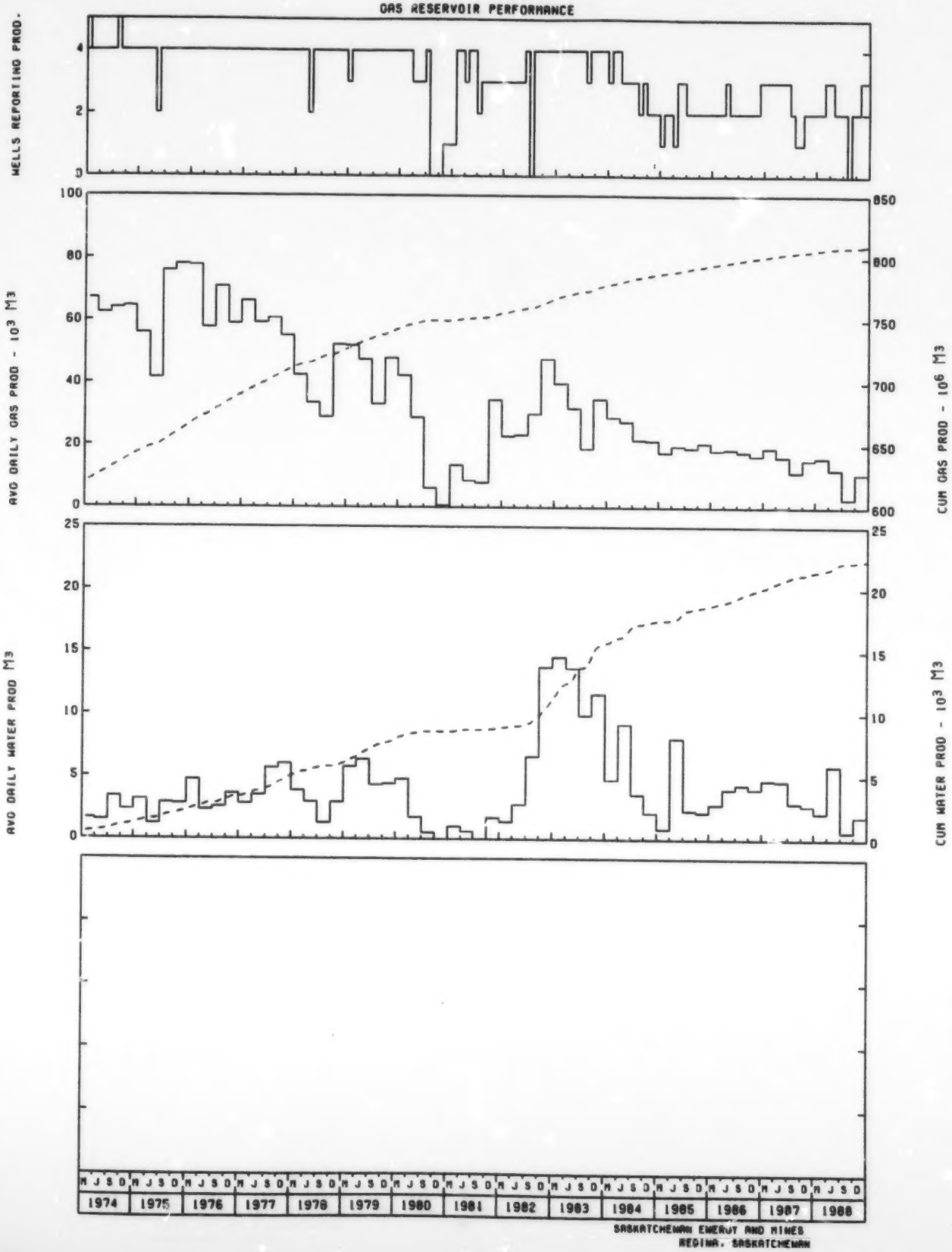
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

MILTON VIKING SAND GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



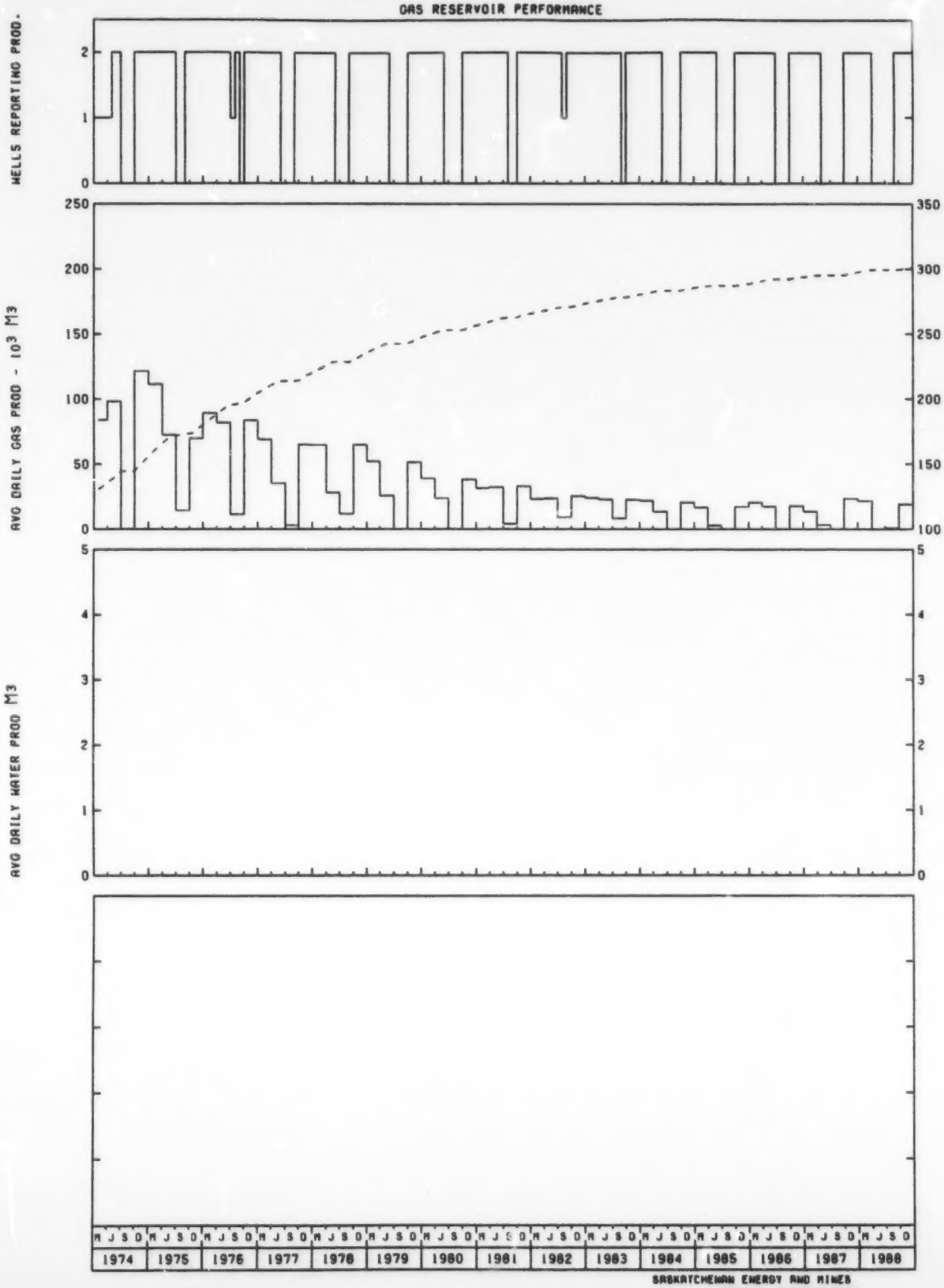
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TOTNES VIKING GAS POOL

TOTNES VIKING GAS VOL UNIT 1

GAS RESERVOIR PERFORMANCE



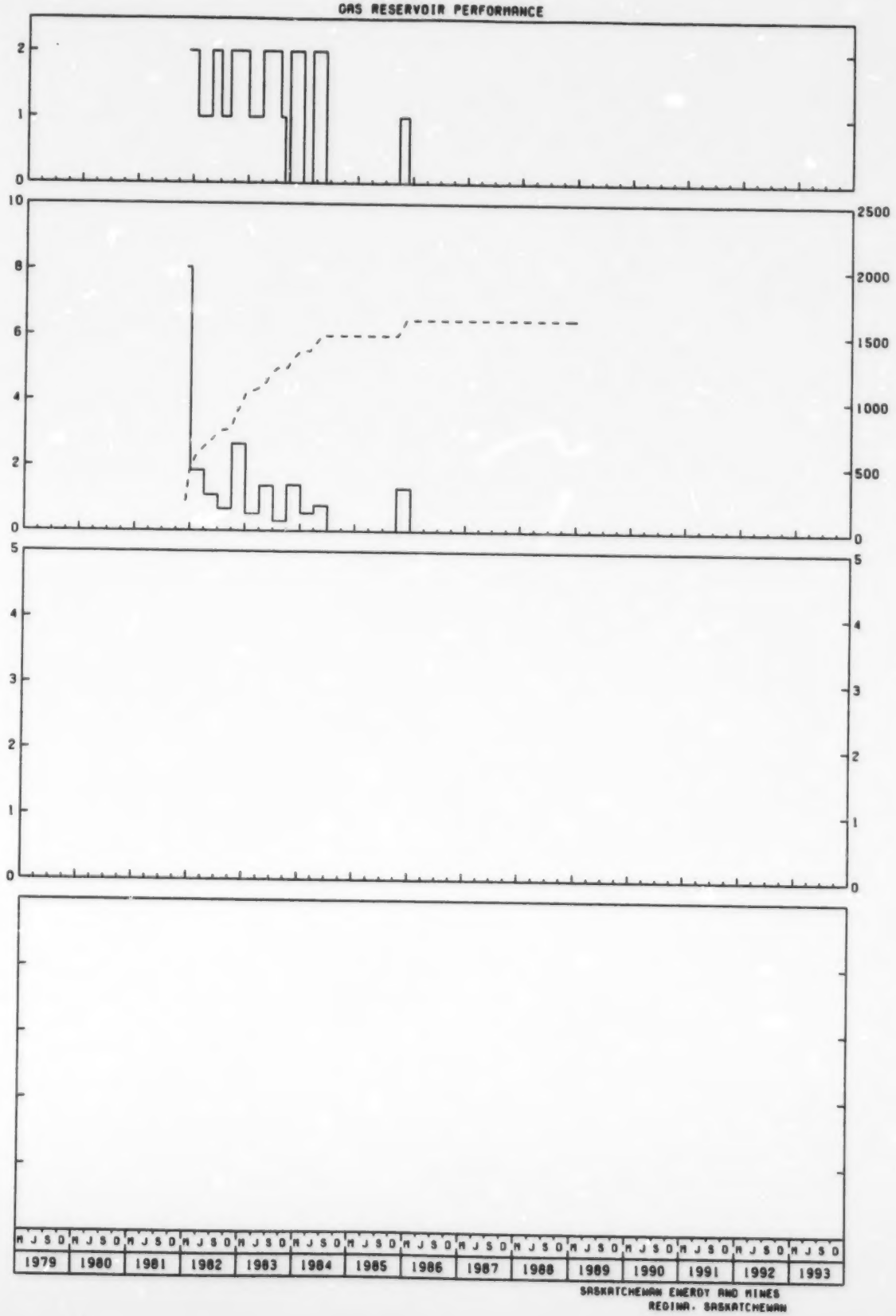
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

TOTNES VIKING GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



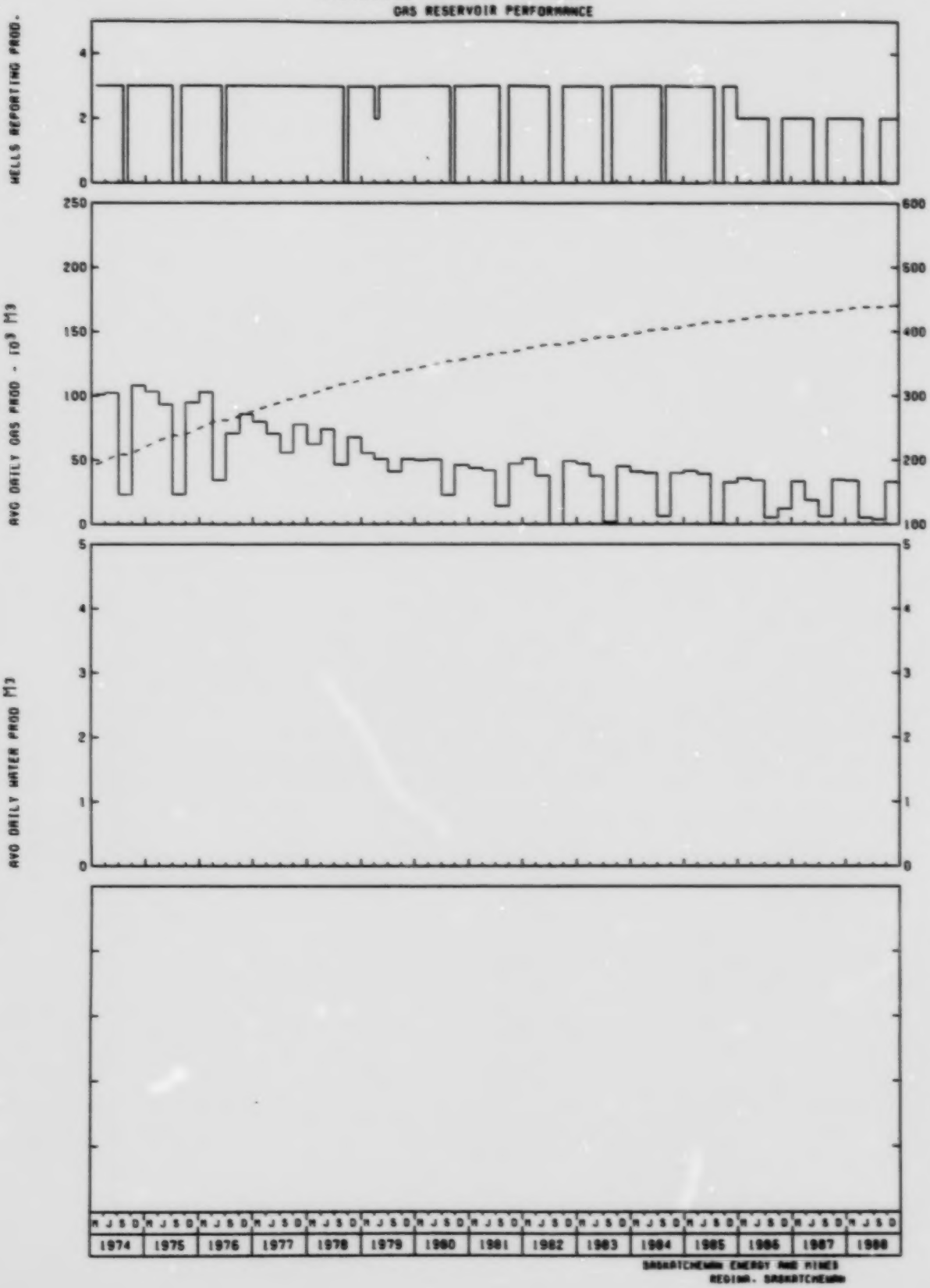
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WHITESIDE RIBSTONE SAND GAS POOL

WHITESIDE VIC VOL GAS UNIT

GAS RESERVOIR PERFORMANCE



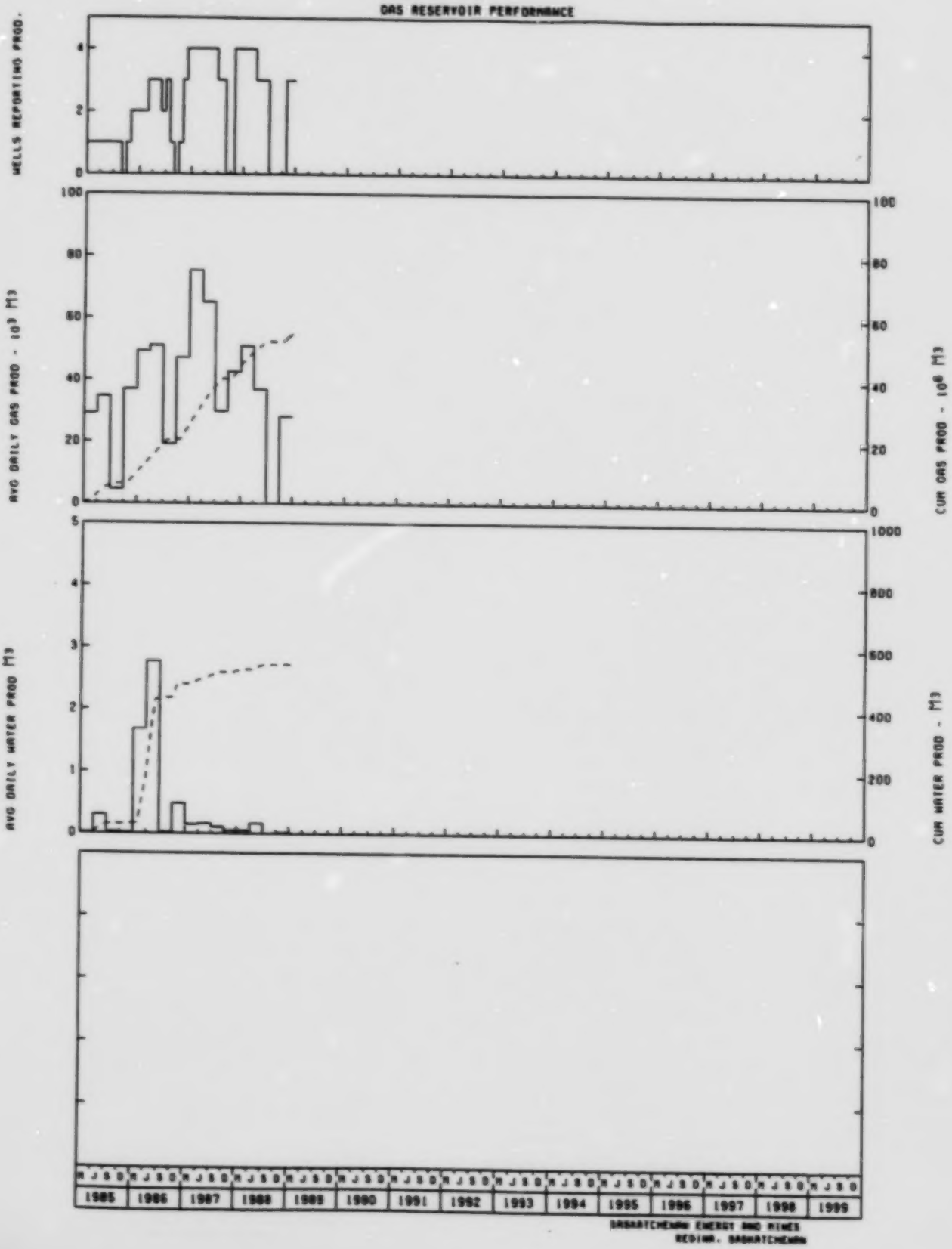
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WHITESIDE W RIBSTONE CR

NON-UNITS

GAS RESERVOIR PERFORMANCE



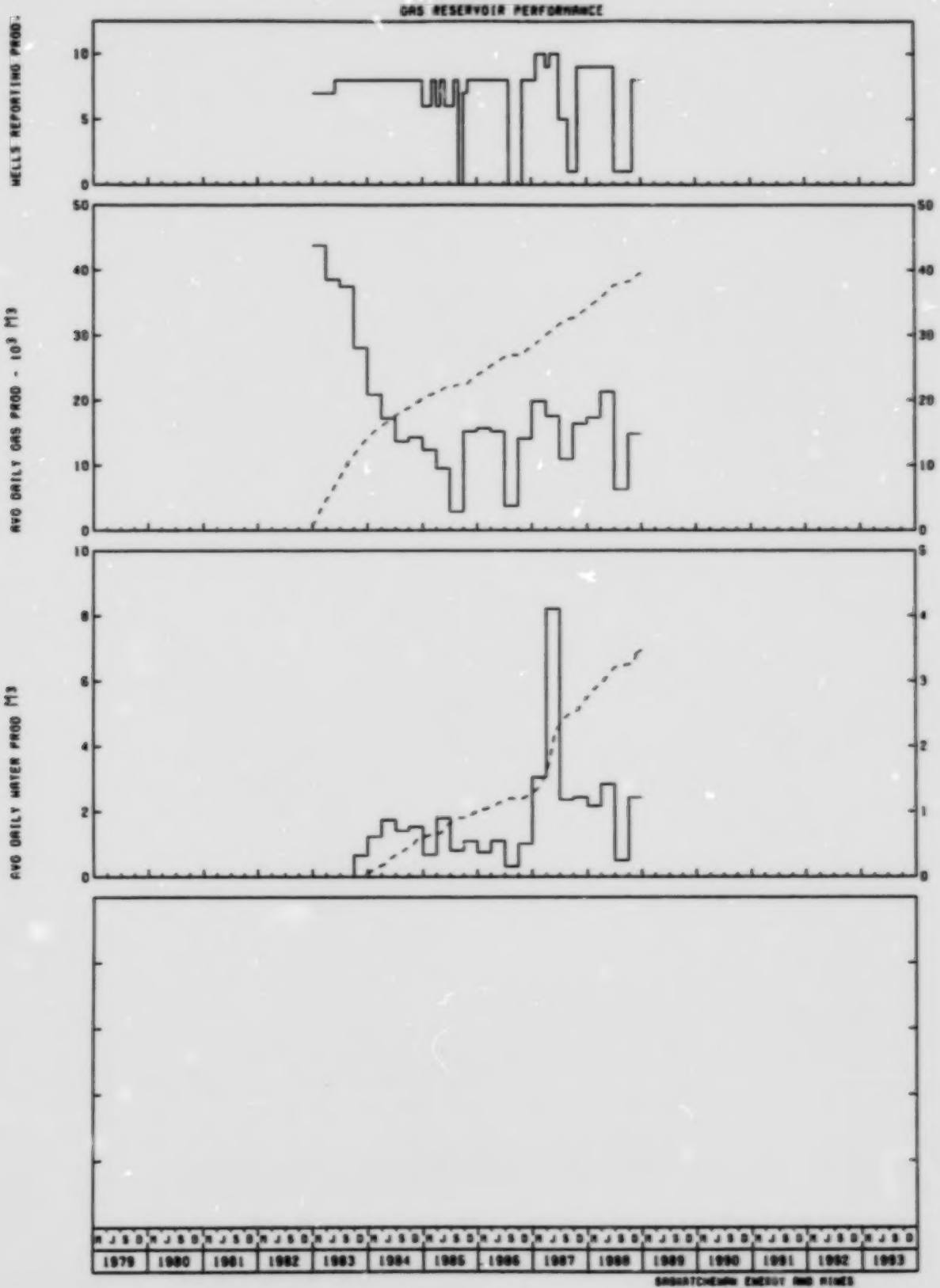
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

WHITESIDE WEST VIKING SD GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



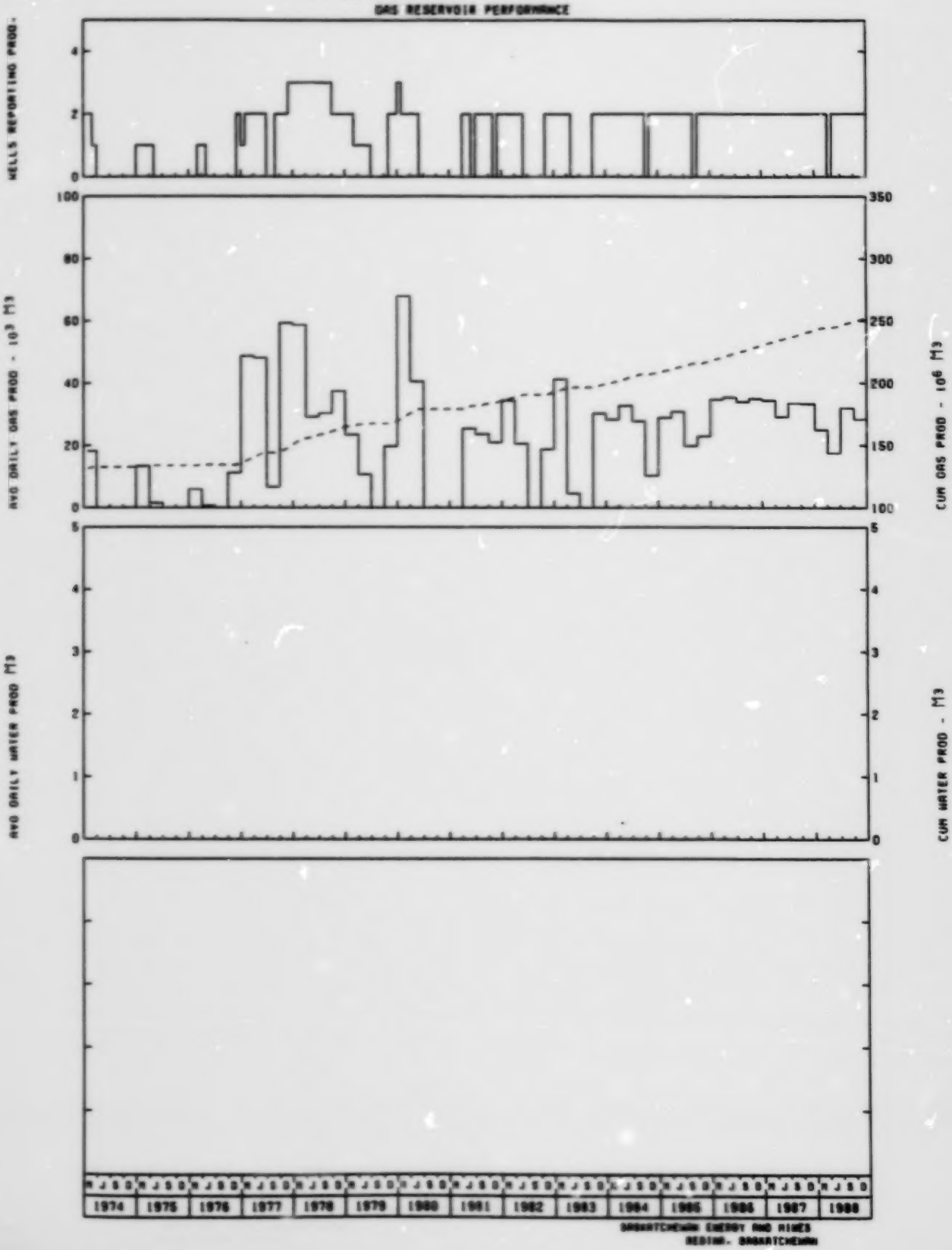
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BEVERLEY EAST CANTUAR GAS POOL

EAST BEVERLEY VOL GAS UNIT 1

GAS RESERVOIR PERFORMANCE

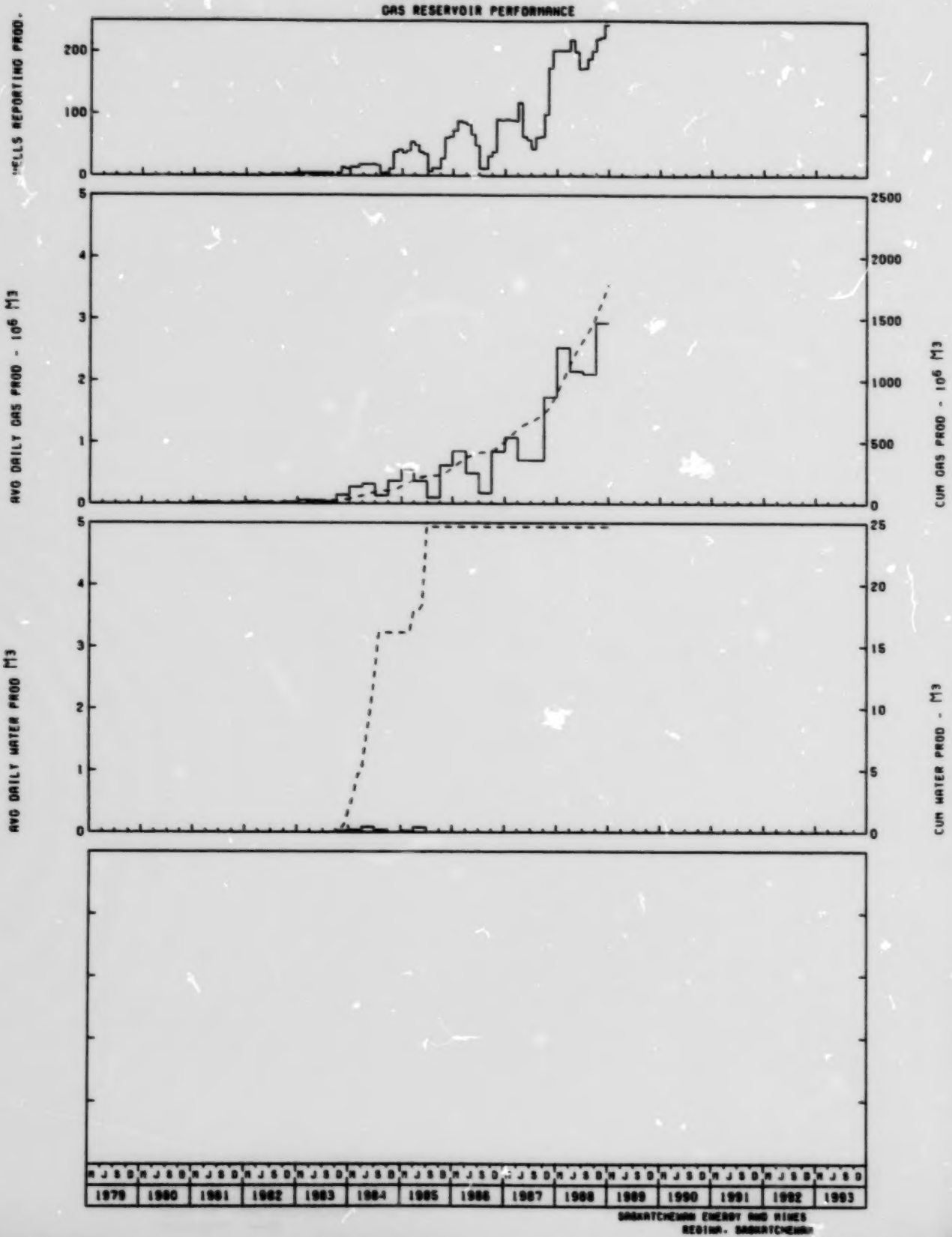


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

BIGSTICK 2ND WHITE SPECKS GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



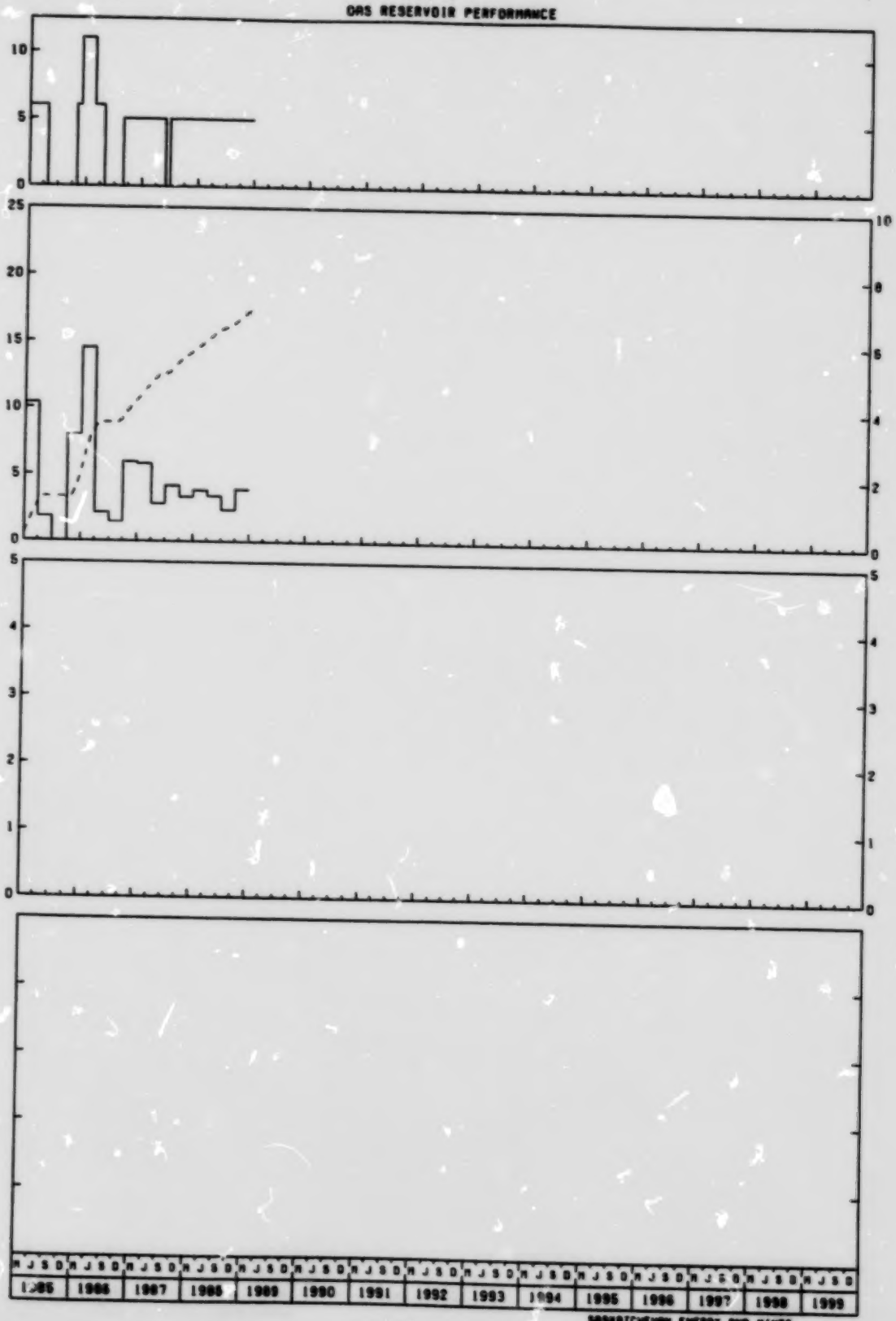
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

BURSTALL MEDICINE HAT SD GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

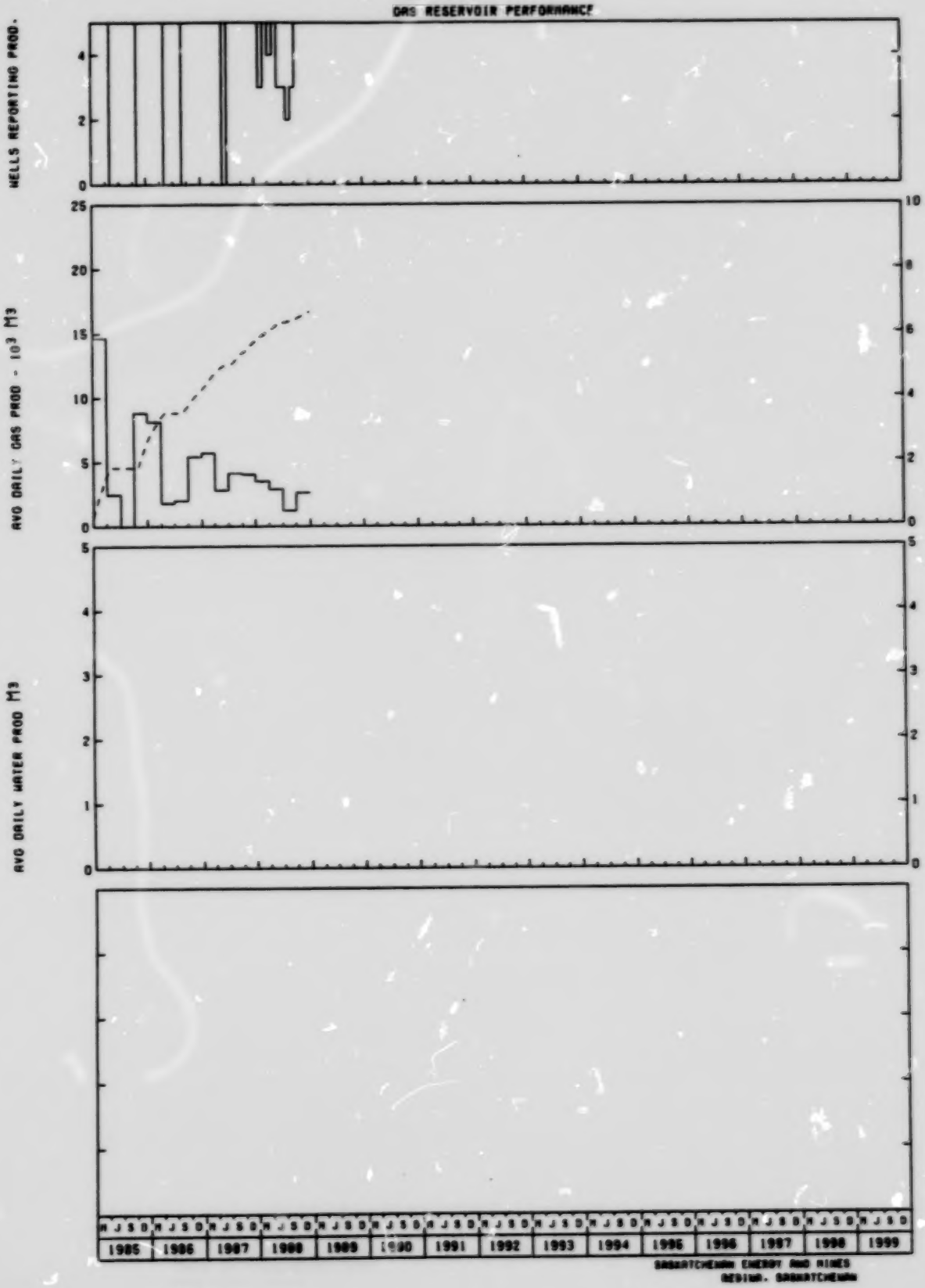


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

BURSTALL MILK RIVER GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



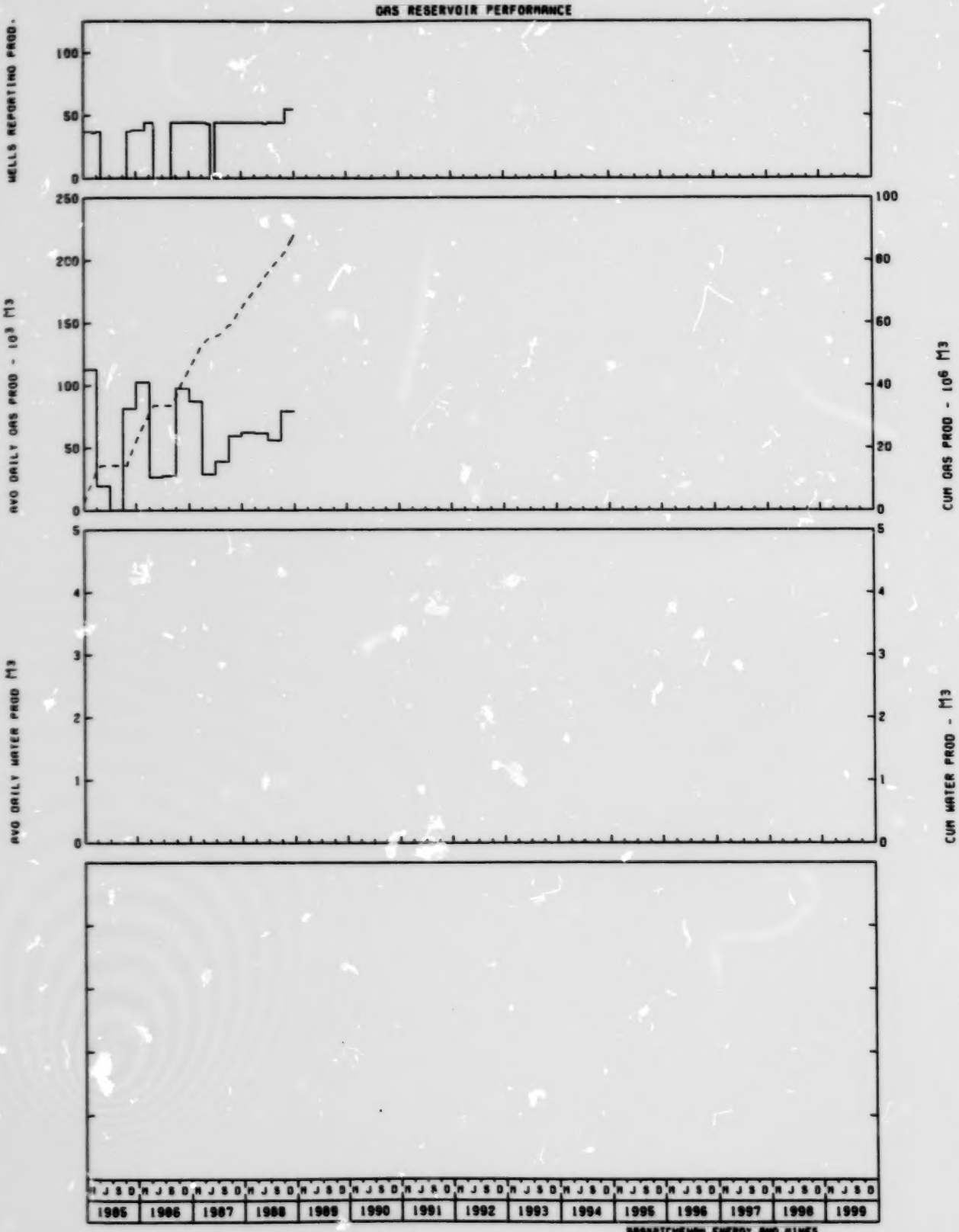
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BURSTALL MILK RIVER MED HAT GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



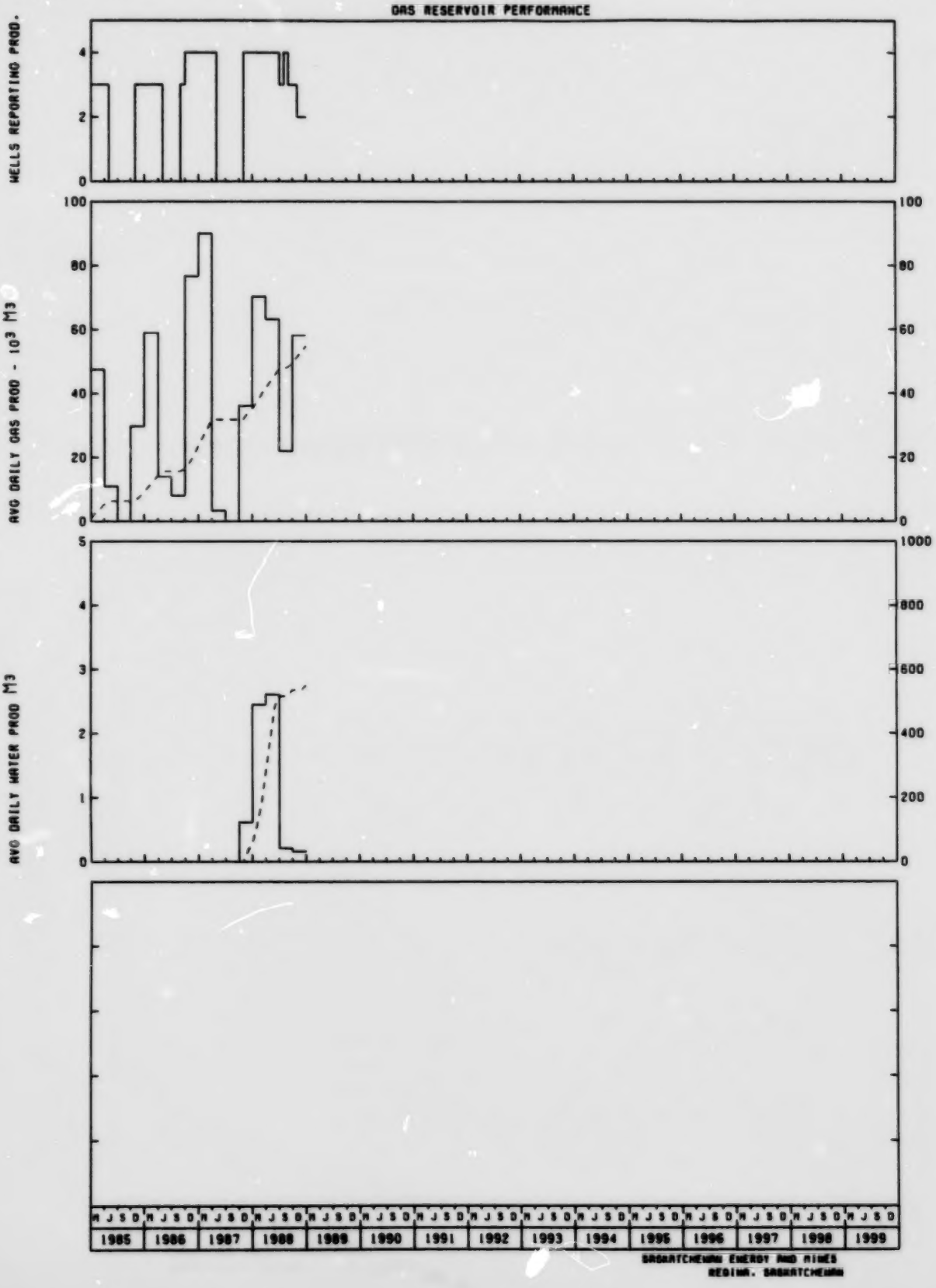
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

BURSTALL NO VIKING SAND GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



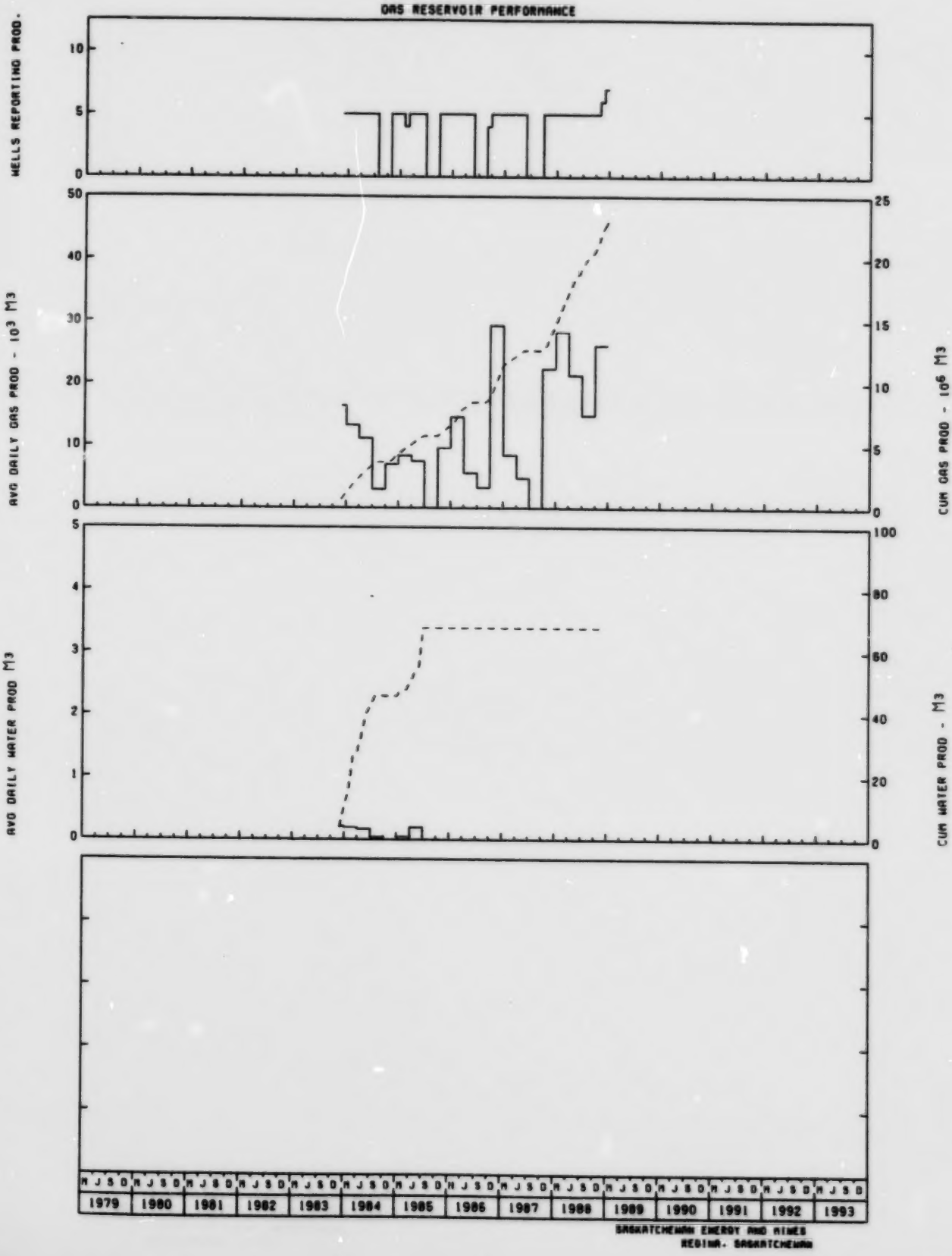
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

CRANE LK MILK RIVER GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



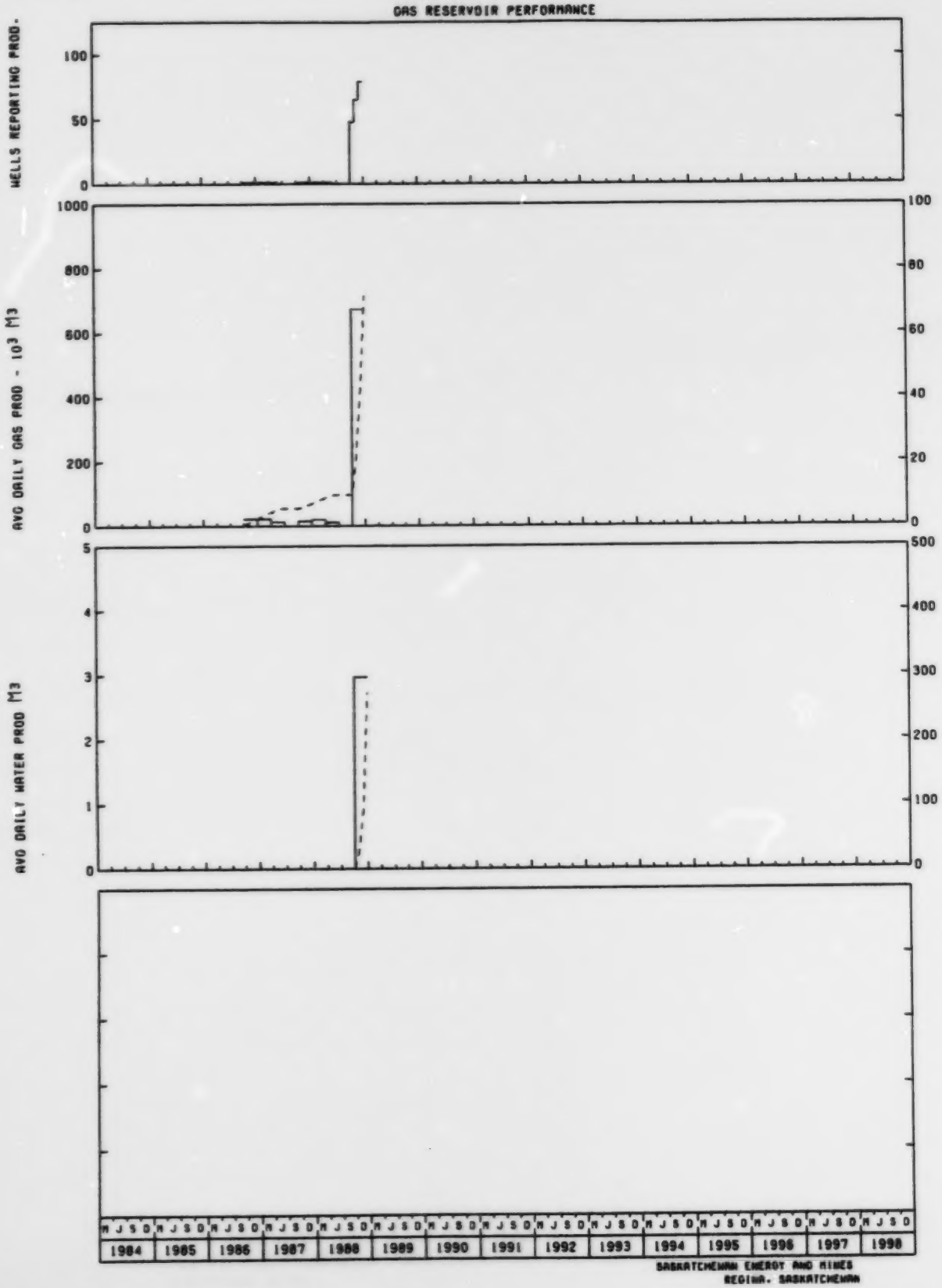
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

CRANE LK 2ND W S GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -



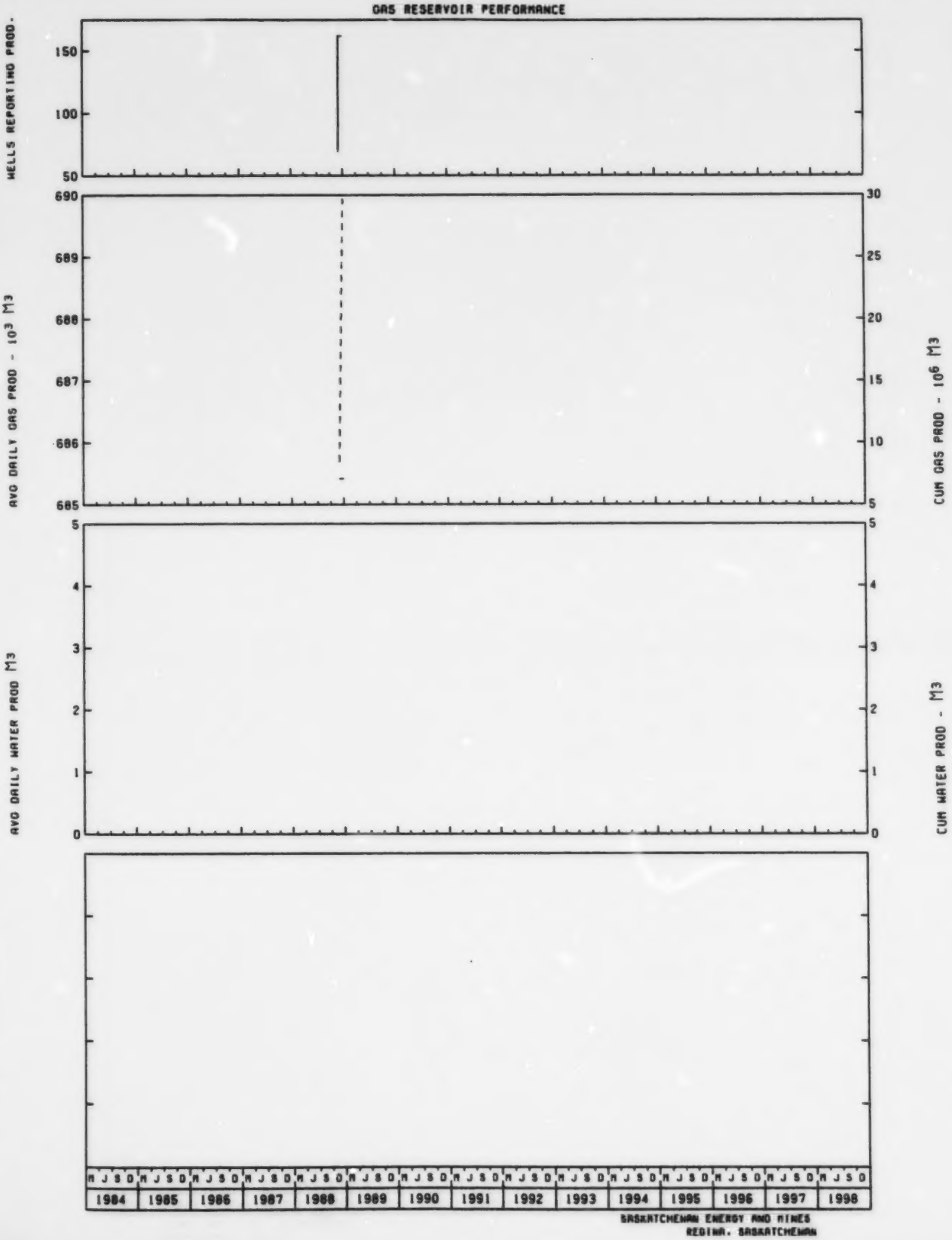
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

FREEFIGHT MILK RIVER

NON-UNITS

GAS RESERVOIR PERFORMANCE

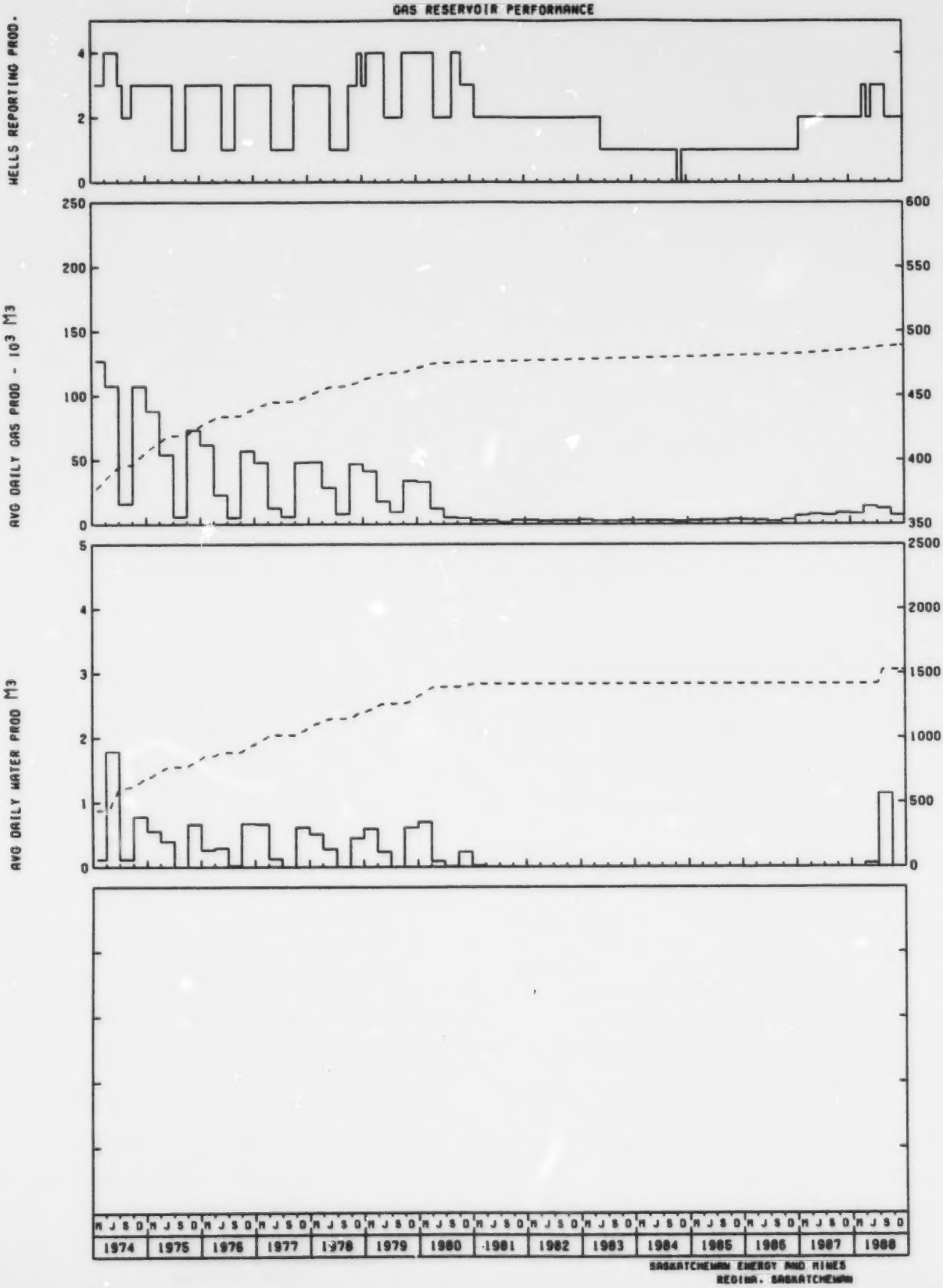


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

GULL LAKE CANTUAR GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



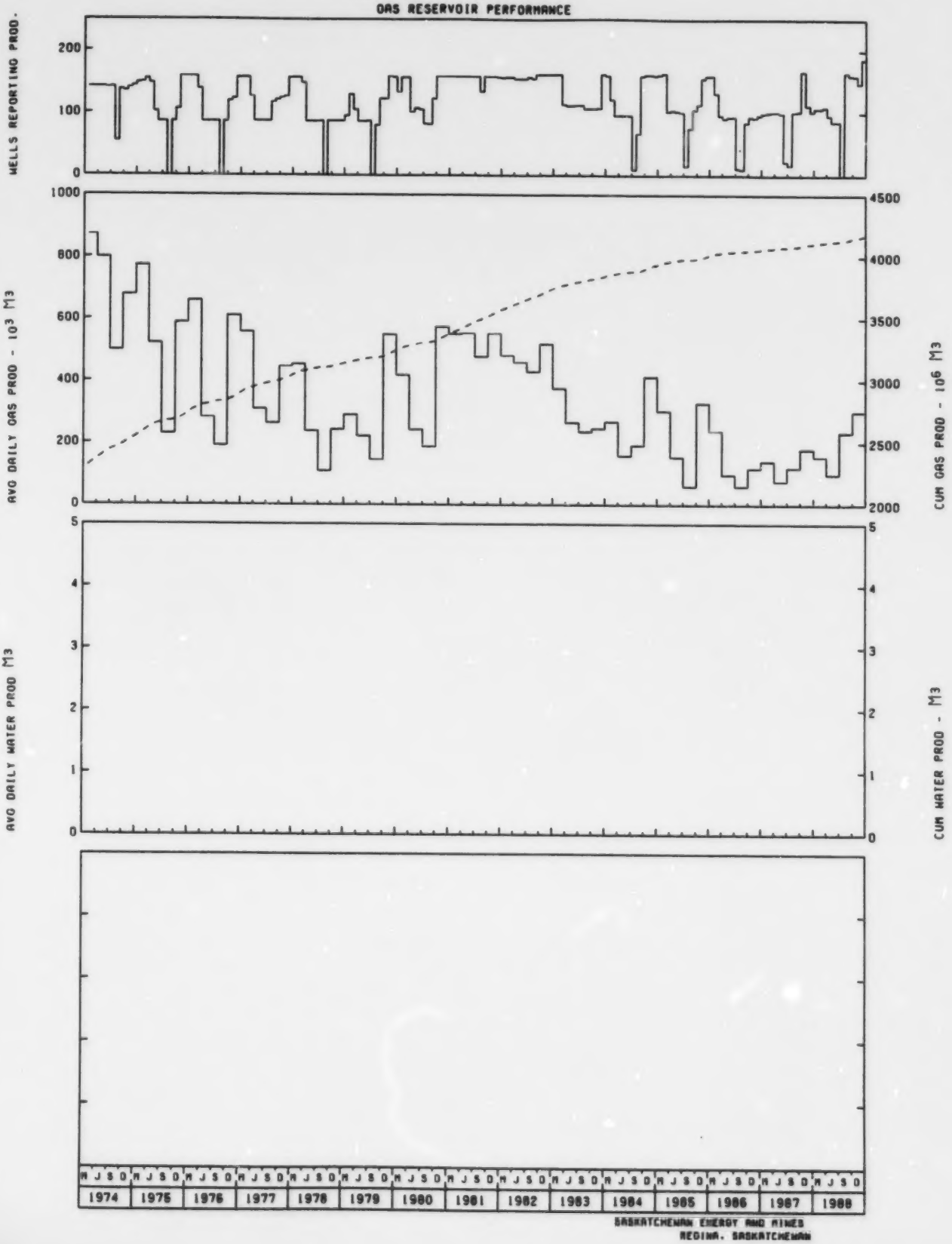
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HATTON MEDICINE HAT SAND GAS PL

HATTON GAS UNIT

GAS RESERVOIR PERFORMANCE



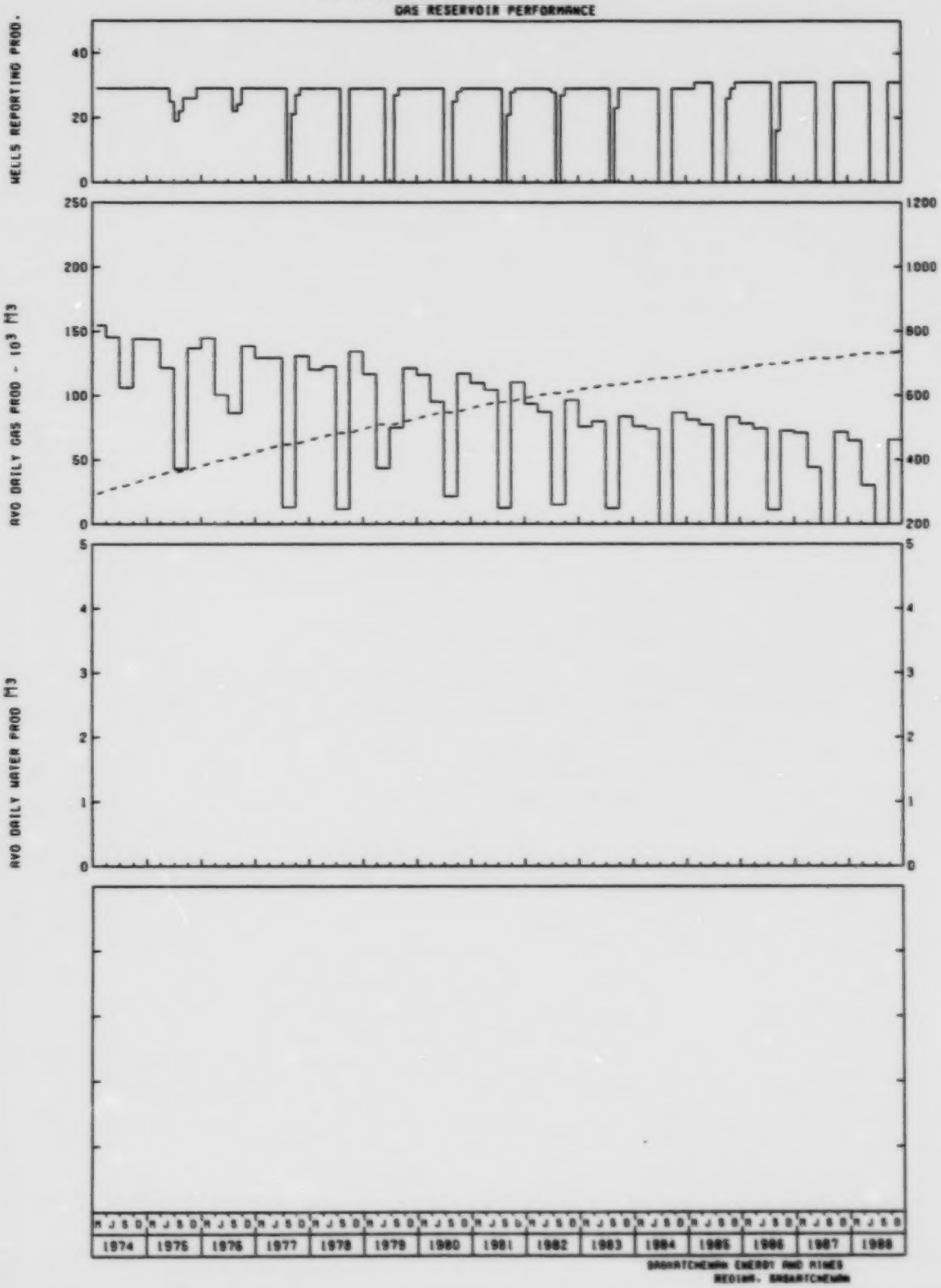
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HATTON MEDICINE HAT SAND GAS PL

HATTON CONS AGREEMENT GAS

GAS RESERVOIR PERFORMANCE



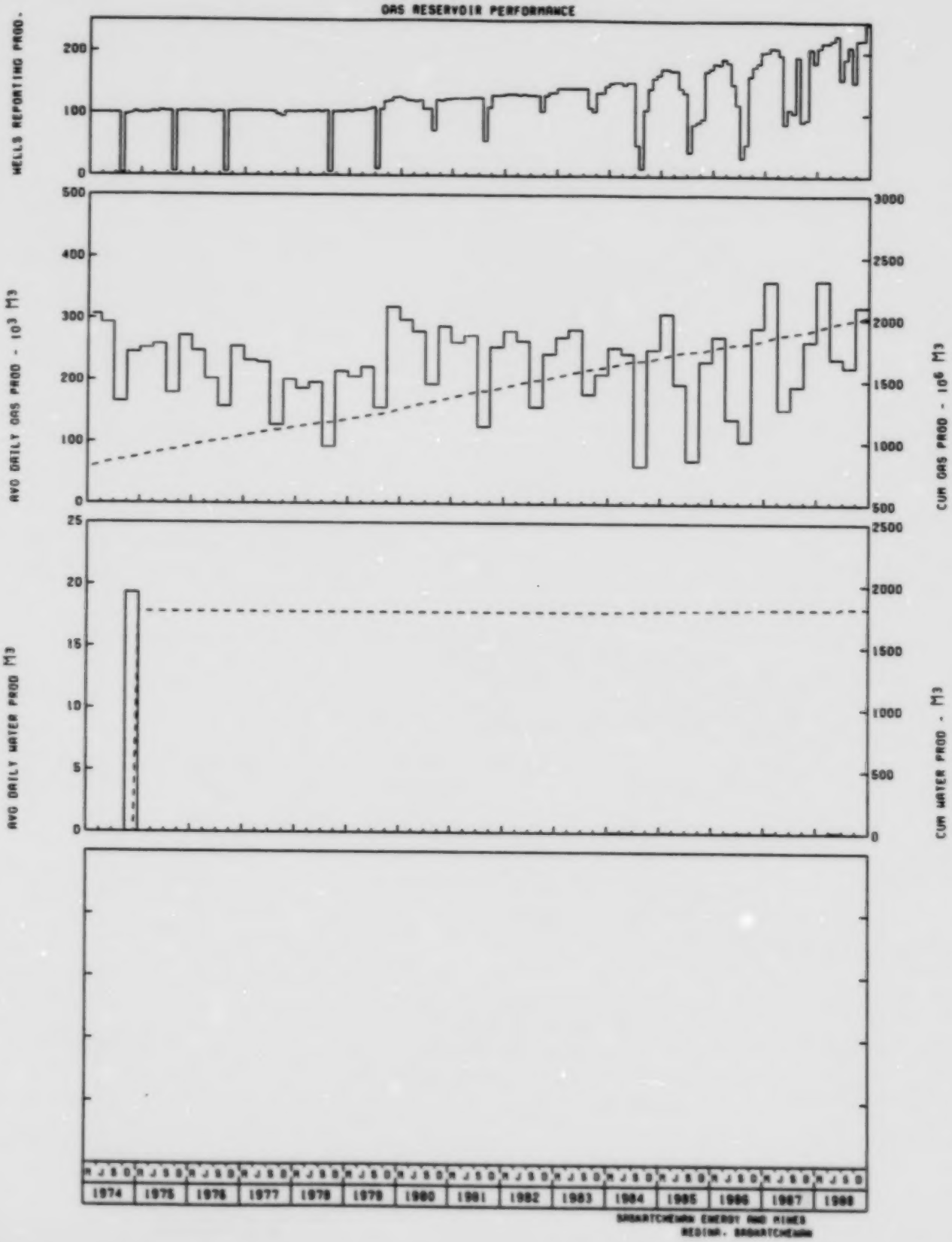
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HATTON MEDICINE HAT SAND GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE

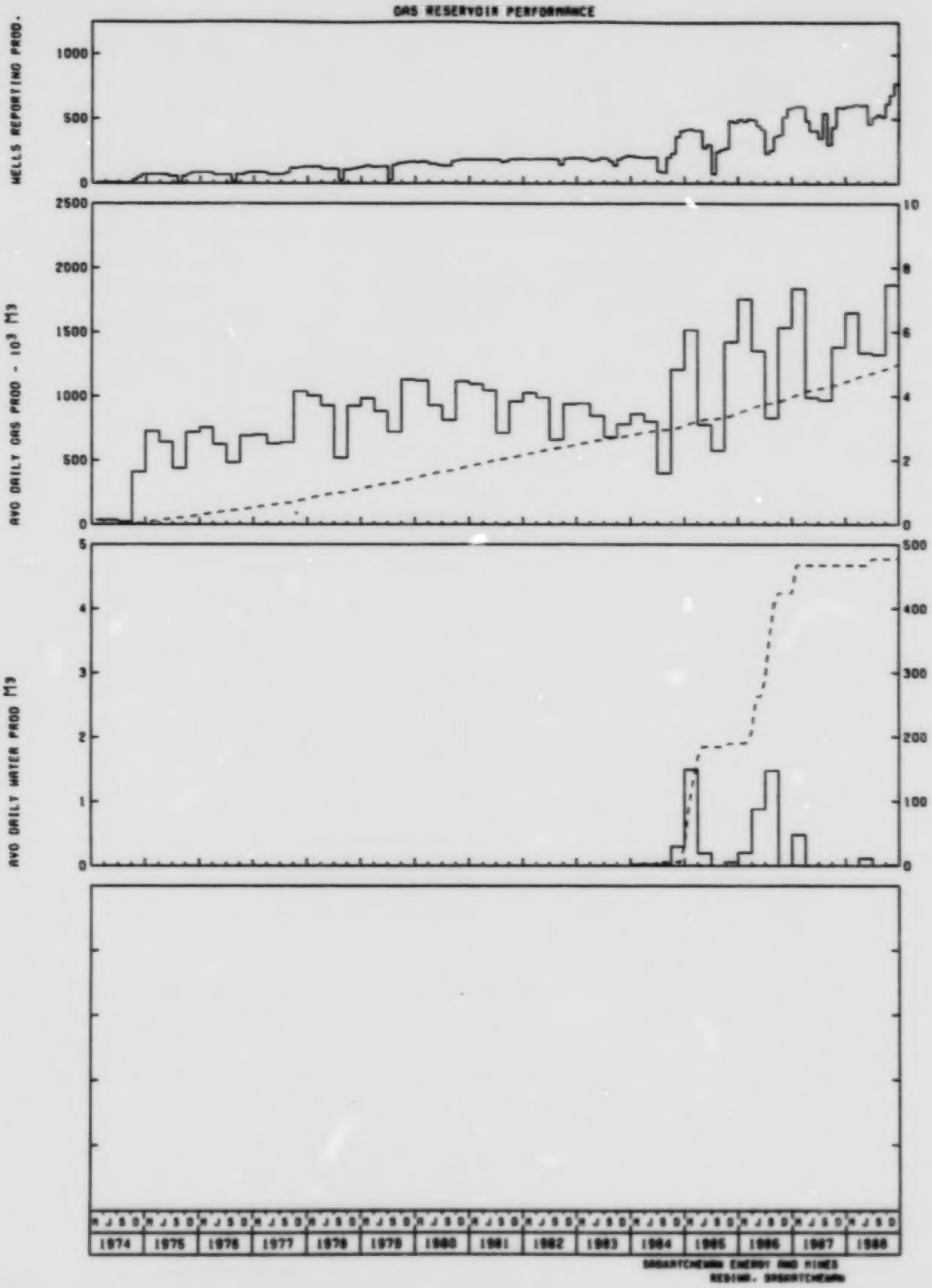


SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

HATTON MILK RIVER GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



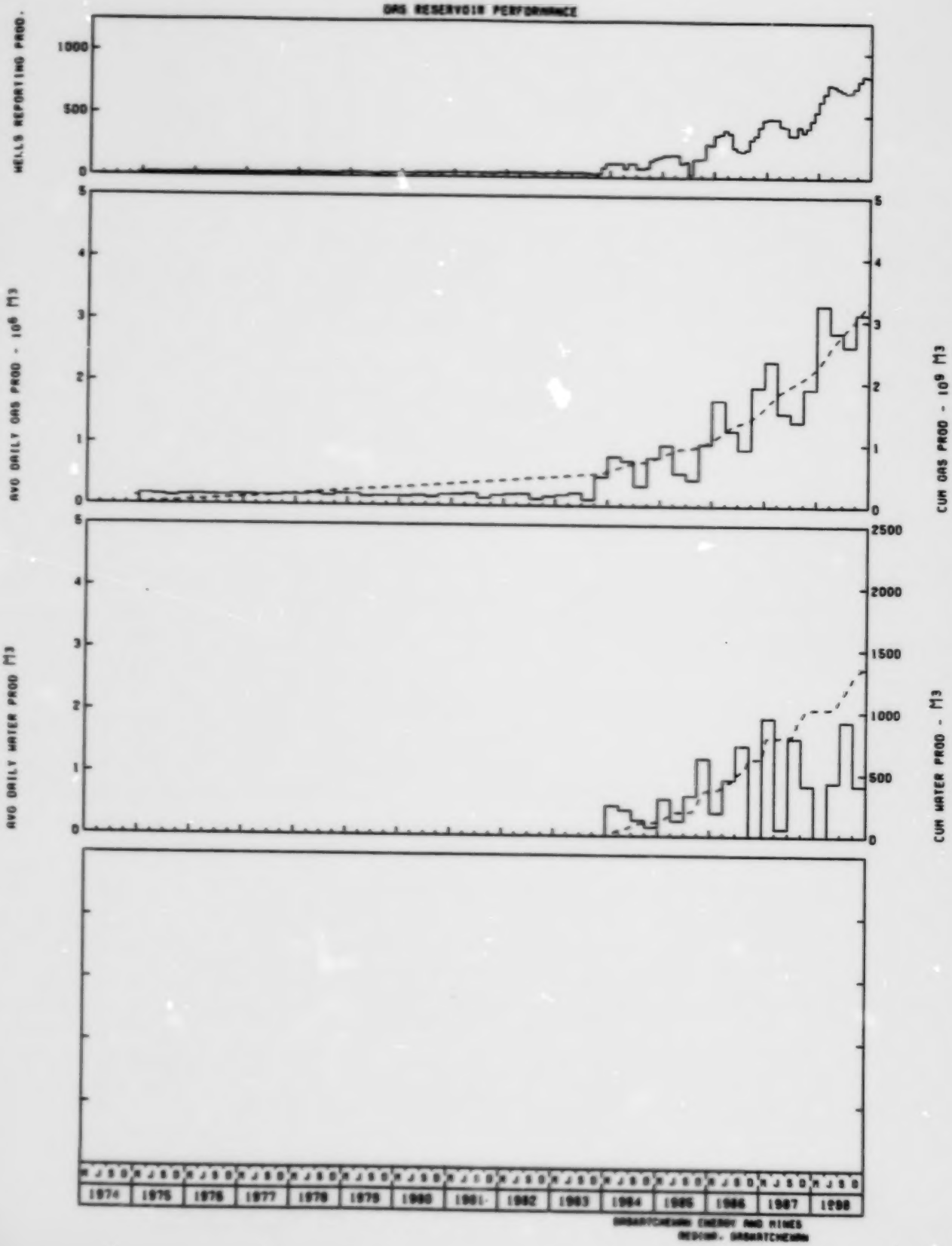
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

HATTON MILK RIVER MED HAT GAS PL

NON-UNITS

GAS RESERVOIR PERFORMANCE



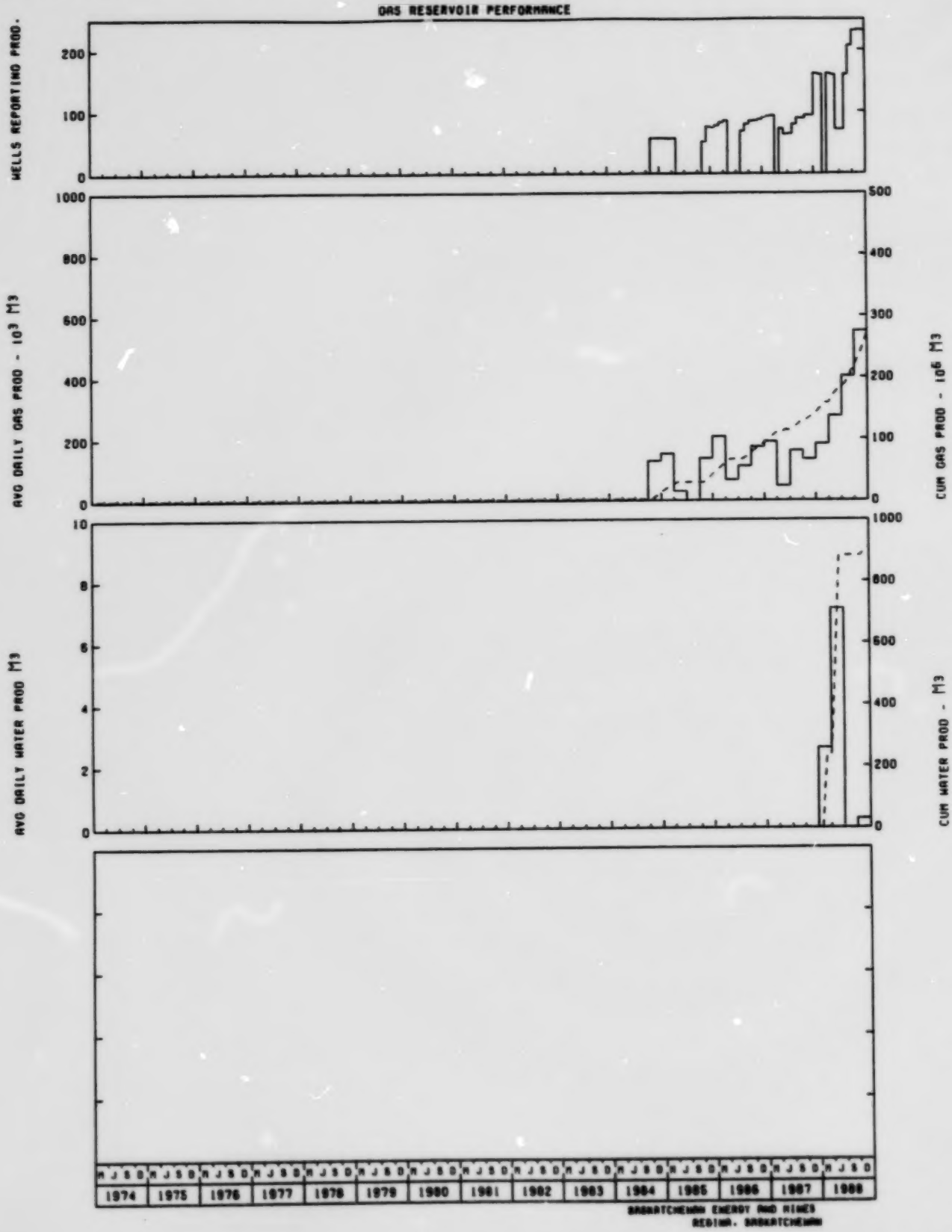
SASKATCHEWAN ENERGY AND MINES
MEDICINE HAT, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

INGEBRIGT MK RIVER GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



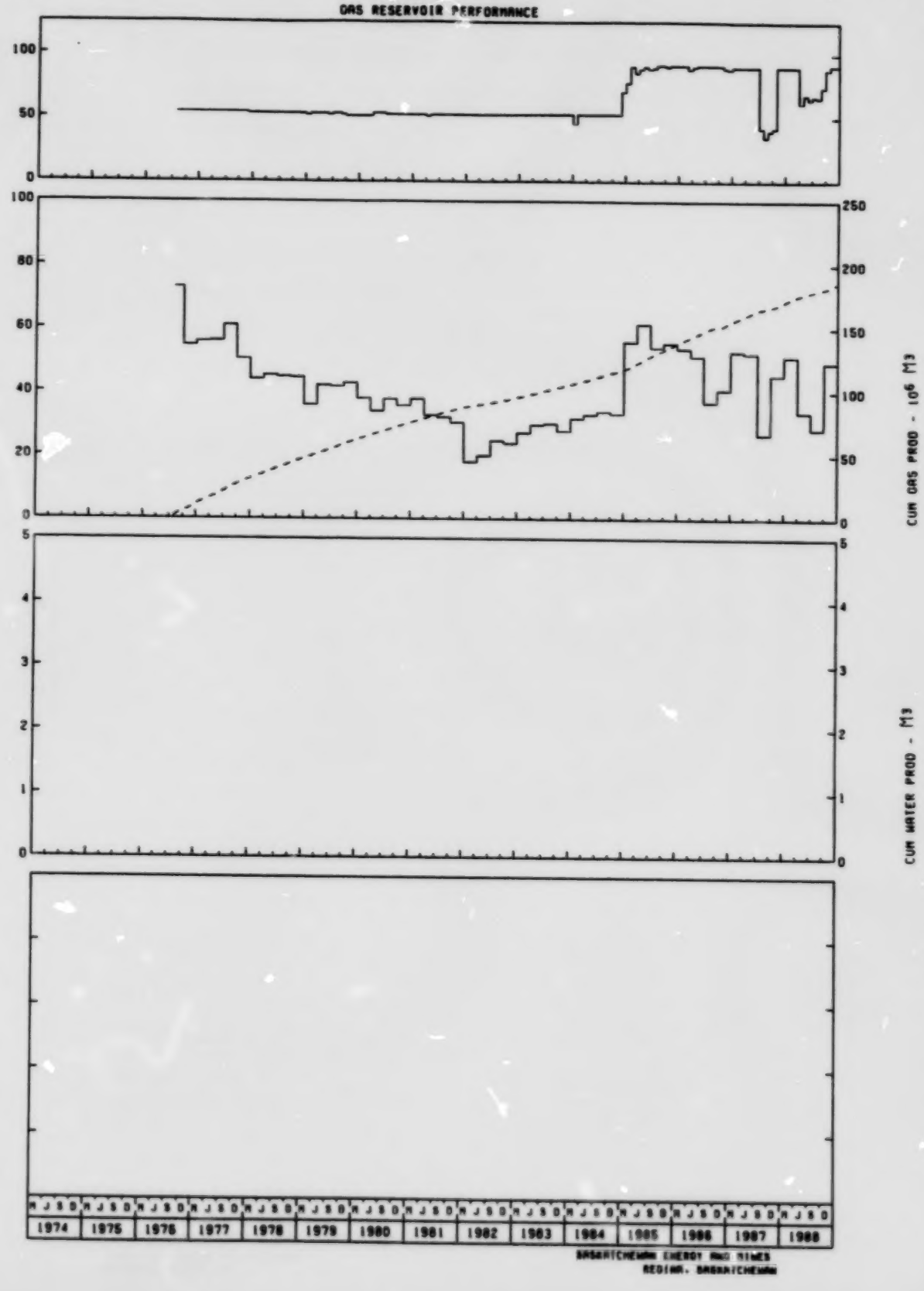
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

LIEBENTHAL MILK RIVER GAS POOL

NON-UNITS

GAS RESERVOIR PERFORMANCE



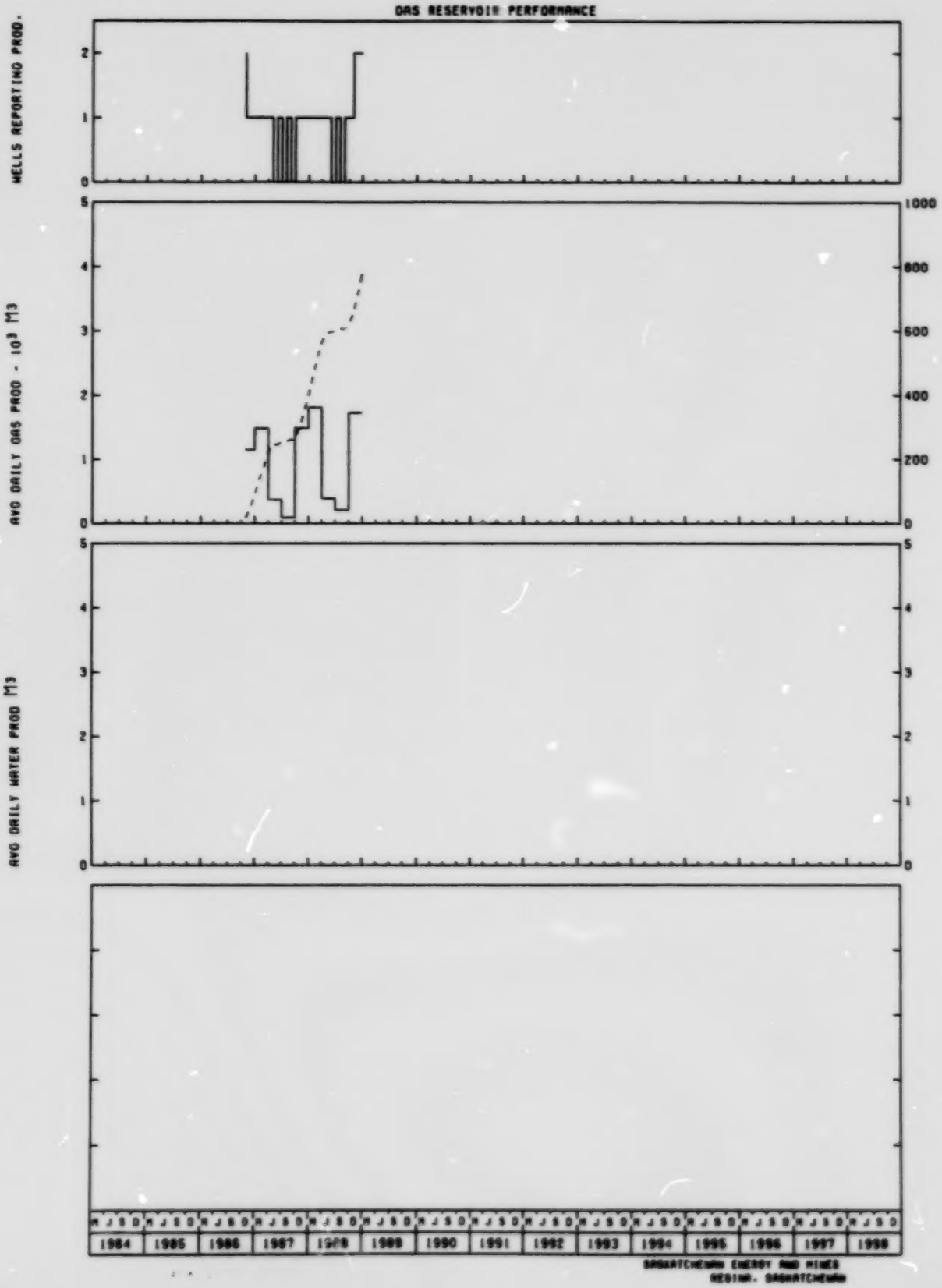
SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

LEGEND:
LEFT HAND SCALES ——
RIGHT HAND SCALES - - -

SENATE SECOND WHITE SPECKS GAS

NON-UNITS

GAS RESERVOIR PERFORMANCE



SASKATCHEWAN ENERGY AND MINES
REGINA, SASKATCHEWAN

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